University of Calcutta.

MINUTES

FOR THE YEAR

1863-64.

CALCUTTA:
THACKER, SPINK AND CO.
PUBLISHERS TO THE CALCUTTA UNIVERSITY.
1864.

MINUTES

OF

THE FACULTY OF ARTS,

FOR THE YEAR 1863-64.

No. 1.

The 1st May,

Present :—

THE LORD BISHOP, *in the Chair.*
DR. DUFF, D.D., LL. D.
MR. ATKINSON, M. A.
MR. OGILVIE, M. A.
REV. K. M. BANERJEE.
MR. COWELL, M. A.
BABOO RAMGOPAL GHOSE.
MR. MCCRINDLE, M. A.
MAULAVI ABDOOL LUTEEF KHAN BAHADOOR.

1. The Faculty proceeded to elect a President for the present official year.

The Bishop of Calcutta was elected by ballot.

J. RICHARDS,
Offg. Registrar

(Confirmed)
G. E. L. CALCUTTA,
Chairman.

MINUTES

OF

THE FACULTY OF ENGINEERING,

FOR THE YEAR 1863-64.

No. 1.

The 1st May,

Present :—

MR. ATKINSON, *in the Chair.*
BABOO RAMGOPAL GHOSE.

2. The Faculty proceeded to elect a President for the present official year.

RESOLVED :—

That the Hon'ble Sir R. Napier be elected.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
W. S. ATKINSON,
Chairman.

MINUTES

OF

THE FACULTY OF LAW,

FOR THE YEAR 1863-64.

No. 1.

The 1st May,

Present:—

MR. GOODEVE, *in the Chair.*
MR. MACPHERSON.
MAULAVI MAHOMED WUZEEH.
MAULAVI ABDOOL LUTEEF KHAN BAHADOOR.

3. The Faculty proceeded to elect a President for the present official year.

RESOLVED:—

That the Hon'ble H. S. Maine be elected.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
JOSEPH GOODEVE,
Chairman.

MINUTES

OF

THE FACULTY OF MEDICINE,

FOR THE YEAR 1863-64.

No. 1.

The 1st May,

Present :—

DR. CHEVERS, M. D. *in the Chair.*
DR. FAYRER, M. D.

4. The Faculty proceeded to elect a President for the present official year.

RESOLVED :—

That Dr. Fayrer be elected.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
NORMAN CHEVERS, M. D.
Chairman.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 1.

The 30th May.

Present:—

THE LORD BISHOP OF CALCUTTA, *in the Chair.*
MR. ATKINSON, M. A.
MR. BEAUFORT.
DR. FAYRER, M. D.

5. With reference to para. 130 of the Minutes Vol. VI., read a letter from the Hon'ble Mr. Erskine, thanking the Vice-Chancellor and Syndicate for their kind acknowledgments of his services and granting permission to print his speech in the Minutes of the Syndicate.

Ordered:

To be recorded.

6. Read the following reports of the Board of Examiners on the results of the late Honor and M. D. Examinations.

SIR,—We have the honor to report that the three Students

F. Keyt,
Kalla Chand Halder, and
Omes Chunder Dutt,

who were placed this year in the First Division of the Second Examination, have been most carefully examined by us in

Surgery, Ophthalmic Surgery, Medicine and Midwifery. The result of their examination on each subject is tabulated below; the Candidates being arranged in order of merit.

We recommend that the Scholarship in Medicine may be given to Kalla Chand Halder and that Mr. Keyt may receive the Scholarship in Surgery.

We do not consider that the attainments of Omesh Chunder Dutt are such as to justify us in recommending him for a Scholarship.

We have the honor to be,
Sir,
Your most obedient Servants,
J. FAYRER, M. D.
Examiner in Surgery and Ophthalmic Surgery.
NORMAN CHEVERS, M. D.
Examiner in Medicine and Midwifery.

SIR,—We have the honor to report that the two gentlemen, whose names are noted in the margin* have presented themselves and have been most carefully examined, for the Degree of Doctor of Medicine in the subjects of Surgery and Ophthalmic Surgery, Medicine and Midwifery. Baboo Juggobundoo Bose has also been examined in Mental and Moral Philosophy, from which examination, Baboo Mohendro Lall Sircar was exempted by resolution of the Syndicate.

* Baboo Juggobundoo Bose,
„ Mohendro Lall Sircar.

Both have passed with fair credit but without such distinction as would justify us in ranging either in the First Division.

We are of opinion that the appearance of Baboo Mohendro Lall Sircar has been such as to entitle him to stand above Baboo Juggobundoo Bose in order of merit.

J. FAYRER, M. D.
Examiner in Surgery and Ophthalmic Surgery.
S. B. PARTRIDGE,
Examiner in Mental and Moral Philosophy.
NORMAN CHEVERS, M. D.
Examiner in Medicine and Midwifery.

RESOLVED :—

That the reports of the Examiners be confirmed and the names of the successful Candidates gazetted.

7. Read a letter from Messrs. Harman and Co., asking the sum of Rupees 50 a year for the safe custody of the University Gowns.

RESOLVED :—

That the yearly sum of Rupees 50 be sanctioned to Messrs. Harman and Co., provided they keep the Gowns in their custody, distribute them to the members of the Senate whenever required, and hold themselves responsible for any loss or damage.

8. Read an application from the Clerks of the Registrar's Office for an increase of their pay.

RESOLVED :—

That the consideration of the application be postponed till the next meeting, and that the Registrar be requested to ascertain in the meantime what salaries the similar class of Government servants in other offices receive.

9. Read a letter from Baboo Mahendro Lall Sircar complaining Lord Canning's decision on Dr. Chever's letter about the social status of Doctor Graduates in India and desiring that the position of Graduates of the University might be defined.

RESOLVED :—

That the applicant be informed that the Syndicate are not prepared to ask Government to define the social position of their Graduates.

10. With reference to the resolution in para. 121 of the Minutes Vol. VI., the Registrar was requested to issue a circular to the Principals of all affiliated Institutions asking whether any and what alterations should be made in the form of Certificates granted to Candidates for the University Examinations.

11. Read a letter from Baboo Dwarka Nath Bhuttacharjee

praying that as he has passed the Senior Scholarship Examination of the Presidency College, the First Examination in Arts may be dispensed with in his case, in order to enable him to appear at the next B. A. Examination.

Also read an application of a similar kind, though resting on different grounds, from Baboo Gopal Lall Bysack, another Senior Scholar of the Presidency College.

RESOLVED :—

That the consideration of these applications be postponed till the next meeting.

12. Read a letter from Mr. Kempson, Director of Public Instruction, N. W. Provinces, forwarding Schedules of the Contents of the Urdu and Arabic, and manuscripts of the Persian Selections for the University Examinations.

RESOLVED :—

That these Selections together with the recommendations of Capt. Lees and Capt. Fuller be referred to Mr. Cowell with a request that he will be kind enough to call in the assistance of any eminent Oriental Scholar and report on the same.

13. The following Bills of Contingencies were passed :—

To Fort William College Press for printing 600 copies of Araish-i-Mahfil for the Entrance Examination of 1864, ...Rs.	975	0	0
,, Baptist Mission Press for printing Jobs, ...	95	4	0
,, Calcutta Exchange Gazette for Advertisement,	4	12	0
,, Charges incurred in the office, ...	1	4	6
Total Rupees,.....	1,076	4	6

J. RICHARDS,
Offg. Registrar.

(Confirmed)
G. E. L. CALCUTTA,
Chairman.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 2.

The 27th June.

Present :—

THE HON'BLE THE VICE-CHANCELLOR.
THE RIGHT REV. THE LORD BISHOP OF CALCUTTA.
THE REV. DR. DUFF, D.D., LL. D.
MR. ATKINSON, M. A.
MR. BEAUFORT.
DR. FAYRER, M. D.
CAPT. WILLIAMS.

14. Read the following letter from the Government of India :—

No. 3480.

Dated Fort William, the 30th May, 1863.

HOME DEPT.

SIR,

In reply to your letter No. 857 dated 12th Instant, I am directed to inform you that the Hon'ble the President in Council approves of the rule therein proposed and authorizes its being adopted as a Bye-Law of the University. It is, however, understood that the new rule will not be held applicable to the case of the present Registrar Mr. Scott Smith, now on leave.

I have &c.

(Signed) J. W. S. WYLLIE,
Under-Secy. to the Govt. of India.

RESOLVED :—

That the Registrar be requested to insert the clause thus sanctioned, into the Bye-Laws of the University in the Calendar of 1864-65.

15. Read the following letter from the Government of India.

No. 3600.

Dated Fort William, the 5th June, 1863.

HOME DEPT.

SIR,

I am directed to acquaint you that His Excellency the Governor-General has been pleased to appoint the undermentioned Gentlemen to be Fellows of the University of Calcutta.

Lieut.-Col. J. P. Beadle.
Dr. Thomas Anderson.
Cowar Hurendra Krishna.

I have &c.
(Signed) E. C. BAYLEY,
Secy. to the Govt. of India.

RESOLVED :—

That Col. Beadle be attached to the Faculty of Engineering, Dr. Anderson to the Faculties of Arts and Medicine, and Cowar Hurendra Krishna, to the Faculty of Arts.

16. Read a letter No. 8 T, dated 19th June, 1863, from the Under-Secretary to the Government of Bengal, forwarding a correspondence relative to a proposal from the Director of Public Instruction, Lower Provinces, to prohibit Oorya being taken up as the Second Language in the Entrance Examination by the students of the Government Schools in Orissa.

RESOLVED :—

That the correspondence be circulated amongst the Members of the Syndicate.

17. With reference to para. 8 of the Minutes, Vol. VII. the Registrar submitted a Memorandum of the salaries enjoyed by the head clerks in other offices.

RESOLVED :—

That as it appears that the salaries of clerks in other similar offices are considerably higher than those enjoyed by the clerks of this office, and as the work of the University has much increased since their appointment, an addition of Rs. 25 per month in the case of the head clerk, and of Rs. 10 in that of the writer, be sanctioned.

18. The Syndicate proceeded to consider the applications in para. 11 of the Minutes, Vol. VII.

RESOLVED :—

That the Syndicate cannot grant the indulgences sought by the applicants (see footnote in page 39 of the Calendar 1861-62).

19. With reference to para. 7 of the Minutes Vol. VII. read the following letter from Messrs. Harman & Co.

Calcutta, 23rd June, 1863.

SIR,—We beg to acknowledge receipt of your letter, No. 864, dated this day, and in reply to inform you that we are willing to have the gowns of the University in our safe custody, at a yearly charge of fifty rupees. We are moreover willing to be responsible for any loss, provided, that our intimation to you of the non-delivery of gowns by parties named, will exonerate us from all liability.

We cannot, however, consent to being in any way answerable for damages, of course our best care and attention will be devoted in their preservation; and as if they were our own property; but this clause must be expunged from the conditions of agreement.

We remain &c.

(Signed) HARMAN & Co.

P. S.

The charge will of course commence from 1st January, 1863. The parties whose names we sent you in our letter of 16th May last, have not yet returned their gowns to us, with the exception of Mr. Beaufort and Rajendro Lall Mitter.

RESOLVED:—

That Messrs. Harman & Co.'s conditions be agreed to, provided they undertake that an assistant shall be present at the Town Hall or any other place where the Senate may meet, to receive back the gowns which any of the members may wish to make over to them at the time.

20. Submitted a report from the Sub-Committee of the Syndicate appointed to revise the regulations.

RESOLVED:—

That the Registrar be requested to submit the report to the consideration of the several Faculties.

21. The following Bills for Contingencies were passed.

To Manager, Fort William College Press, for printing 250 copies Gulistan and Anwari Sahili, ... Rs.	750	0	0
Ditto ditto for Bostan, ...	340	7	11
„ Messrs. Hamilton & Co. for a silver University seal with Royal Arms, ...	136	0	0
„ School Book Press for printing, ...	27	0	0
„ Expenses incurred in the office, ...	4	11	0
Total Rupees,...	1,258	2	11

J. RICHARDS,
Offg. Registrar.

(Confirmed)
HENRY S. MAINE,
Vice-Chancellor.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 3.

The 25th July,

Present :—

THE HON'BLE THE VICE-CHANCELLOR.

MR. ATKINSON, M. A.

MR. BEAUFORT.

DR. FAYRER, M. D.

22. Read a letter from the Officiating Principal of the Presidency College, forwarding a memorandum by Mr. Blanford on the University Course in Physical Science for the B. A. Examination.

RESOLVED :—

That Mr. Blanford's communication be referred to the Faculty of Arts.

23. Read a letter from the Principal of the Dacca College, forwarding a petition from the senior Students of his College, praying that Dacca may be appointed a station for holding the B. A. Examination.

RESOLVED :—

That the application is inconsistent with clause 14 of the regulations for the B. A. degree and cannot be complied with.

24. Read a letter from Dr. Duff, resigning his seat in the Syndicate on account of illness.

RESOLVED :—

That in accepting the resignation of the Rev. Dr. Duff, the Syndicate desire to record their sense of the eminent services he has rendered to the University and their regret at being deprived of his aid and counsel for the future.

That this resolution be communicated to the Faculty of Arts.

25. Read a letter from Mr. Kempson, Director of Public Instruction, N. W. Provinces, taking exception to a certain portion of Captain Lees's letter in page 141 of the Minutes, Volume VI. and requesting that the same be not permanently embodied in the records of the University.

RESOLVED :—

That Mr. Kempson be informed that it is impossible for the Syndicate to expunge any part of its recorded proceedings, or to vary a report already printed; but that his present letter, required to explain the misapprehension of which he complains, will be recorded in their proceedings of this year.

No. 279 of 1863-64.

Dated Bareilly, the 23rd June, 1863.

SIR,—I have the honor to request you to bring to the notice of the Hon'ble the Vice-Chancellor and Syndicate of the Calcutta University, my regret to find among the Minutes of the University for 1862-63, Volume VI. page 141, a letter from Captain Lees under date 25th February, 1863, which contains the following paragraph.

"One of the Selections proposed in the North-Western Provinces at the request of the Syndicate is not only wholly unfit for the purposes for which it is intended, but such culpable negligence is evident in its preparation, that it reflects discredit on the University under whose authority it is published. The book is intended for the *Entrance* Course in *Urdu*, yet one-third of it is given up to extracts from the *Persian* historian Aboo'l Fazl, the *Persian* poets, and some selections in Arabic, a language that is only taken up for Honors."

2. With reference to this accusation of "culpable negligence" on the part of my predecessor, I beg to call the attention of the Hon'ble the Vice-Chancellor and Syndicate to the correspondence which passed between Captain Lees, the Syndicate, and Mr. Reid on the subject.

The Registrar's letter No. 997, dated 15th December, 1860, has this paragraph.

"Captain Lees has recommended that two Volumes of Selections be published annually by the University in *Persian and Urdu*, one for the Entrance and the other for the First Examination in Arts;" and in furtherance of this recommendation, Mr. Reid was requested to undertake the preparation of two Volumes for the Examinations of 1863. Para. 3 of the Registrar's letter No. 219, dated 11th July, 1861, says:—

"Two Volumes of Selections will be required, one for the Entrance Examination of 1863 and another for the First Examination in Arts of the same year; as the latter is intended for students of 2 years' standing in the University, care should be taken that the selections are of a more advanced nature than those required for Entrance."

Mr. Reid undertook the duty and reported his proposals as to the nature of the contents of the Selections, and the Registrar's letter No. 469, dated 8th October, 1861, indicated the Syndicate's "full approval of the Selections you propose making in Persian and Urdu for the Entrance and First Examinations."

3. This second book was, therefore not "intended" as stated by Captain Lees, "for the *Entrance* Course in *Urdu*." It was intended for the First Examination in Arts, and consequently contains more difficult selections in Persian and Urdu than does the first series. It was a mistake of the printer that this intention was not correctly stated in the title page, but notice of this mistake was communicated to the Registrar by this office letter No. 187, dated 12th June, 1862. *Abu-l Fazl* is a difficult author, and the selections from his writings introduced were made with care and discrimination; and as Mr. Reid intended the book for use in the Colleges of the North Western Provinces as well, an intention which was communicated by his letter No. 1248 of January 22nd, 1861 to the address of the Registrar, *three short selections* (of 13 pages) in easy Arabic were added. This cannot be said to affect its value as a book of Urdu and Persian Selections. The University Examiner in those languages would not be likely to set ques-

tions in Arabic, because there chanced to be a few pages in that language at the end of the selections.

4. I venture to hope that the Hon'ble the Vice-Chancellor and Syndicate will not allow the passage in Captain Lees's letter, to which I have felt it due to Mr. Reid to take exception, to be permanently embodied among their records.

I have, &c.

(Signed) M. KEMPSON,

Director of Public Instruction, N. W. P.

26. The Registrar brought to the notice of the Syndicate the special provision attached to para. 2 of the L. L. Regulations, which expired in February last, and requested to be informed whether the unsuccessful Candidates of the last or any previous Examination can be admitted to any future Examination, without being required to conform to the present regulations.

RESOLVED :—

That such Candidates cannot be allowed to avail themselves of the special provision referred to.

27. The following bills for contengencies were passed.

To A. S. Byohn, for printing parchment certificates, ... Rs.	47	8	0
,, Englishman Press, for Advertisement, ...	14	10	0
,, Calcutta Mint Master, for engraving a Gold L. C. E. Degree Medal, ...	4	0	0
,, Officiating Principal, Presidency College, for a copy of Bacon's Novum Organum (Kitchin's Translation,)	4	12	0
Total Rupees,...	70	14	0

J. RICHARDS,

Offg. Registrar.

(Confirmed)

HENRY S. MAINE,

Vice-Chancellor.

MINUTES

OF

THE FACULTY OF MEDICINE,

FOR THE YEAR 1863-64.

No. 2.

The 30th July.

Present :—

J. FAYRER, M. D., *President.*
N. CHEVERS, M. D.
S. B. PARTRIDGE, ESQ.
F. N. MACNAMARA, M. D.
S. G. CHUCKERBUTTY, M. D.

28. The Faculty proceeded to consider the principles on which it is proposed to revise the Regulations relative to Examinations connected with the Faculty of Medicine.

RESOLVED :

1. That no certificate of attendance on medical lectures shall be recognised by the University until the Entrance Examination be passed.

No candidate shall receive a license to practice in Medicine and Surgery until the expiration of five academical years from the date of his passing the Entrance Examination in Arts.

(The Professional Examination shall be that now provided for Licentiates.)

2. That no candidate shall be admitted to the Degree of B. M. until the expiration of five academical years of Medical

study in an affiliated college subsequently to the date of his passing the First Examination in Arts. In this Examination, every medical student will be required to take in Latin as the Second Language.

(The Professional Examination shall be that now provided for Licentiates.)

3. That any person who has graduated as B. M. may be admitted to the Degree of D. M. :—

(*a.*) If he have passed the B. A. Examination.

(*b.*) If two Doctors of Medicine, Members of the University, shall testify that (since graduating as B. M.) he has practised his profession with repute for five years and that in habits and character, he is a fit and proper person for the Degree of Doctor.

(*c.*) If he shall pass the usual Examination and produce an approved monograph on some subject connected with medicine or the allied sciences.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
J. FAYRER, M. D.
President.

MINUTES

OF

THE FACULTY OF LAW,

FOR THE YEAR 1863-64.

No. 2.

The 1st August.

Present :—

THE HON'BLE H. S. MAINE, LL. D., *President.*
F. L. BEAUFORT, ESQ.
BABOO PROSONO COOMAR TAGORE.
MOULAVI MOHUMUD WUZEEH.
W. THEOBALD, ESQ.
A. G. MACPHERSON, ESQ.

29. The Faculty proceeded to consider the principles on which it is proposed to revise the Regulations relative to Examinations connected with the Faculty of Law.

RESOLVED :

1. That no candidate shall be admitted to the Degree of L. L. until the expiration of three academical years from the date of his passing the First Examination in Arts.

(The Professional Examination shall be that now provided for Bachelors.)

2. That no candidate shall be admitted to the Degree of B. L. until the expiration of two academical years from the date of his graduating as B. A.

(The Professional Examination shall be that now provided for Bachelors.)

3. That no candidate shall be admitted to Honors in Law until he shall have graduated as B. L.

(The Professional Examination shall be founded on that now provided for Honors in Law, with alterations as proposed by the Sub-Committee.)

4. That any person who has graduated as B. L. with Honors in four subjects at least, may be admitted to the Degree of D. L. without examination.

(1st). If two Doctors, Members of the University, shall testify to the satisfaction of the President of the Faculty of Law, that (since graduating) he has practised his profession with repute for five years, and that in habit and character, he is a fit and proper person for the Degree of Doctor.

And (2nd) If he shall produce a monograph approved by the Faculty of Law for the time being, on some subject connected with Jurisprudence or constitutional Law.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
HENRY S. MAINE,
President.

MINUTES

OF

THE FACULTY OF ARTS,

FOR THE YEAR 1863-64.

No. 2.

The 4th August.

Present :—

THE RIGHT REV. THE LORD BISHOP OF CALCUTTA, *President.*
MR. WOODROW, M. A.
MR. OGILVIE, M. A.
MR. SUTCLIFFE, M. A.
MR. GEORGE SMITH.
MR. ATKINSON, M. A.
MR. COWELL, M. A.
REV. KRISHNA MOHUN BANERJEE.
BABOO ROMA NAUTH TAGORE.
BABOO RAJENDRA LALA MITTRA.
MOULAVI ABDOOL LUTEEF KHAN BAHADOOR.
DR. ANDERSON, M. D.
COWAR HURENDRA KRISHNA.

30. The resolution of the Syndicate on the resignation of the Rev. Dr. Duff, on account of illness was read by the Registrar (Minutes Vol. VII. para. 24).

RESOLVED :—

That the Faculty of Arts in proceeding to elect a member of the Syndicate in the room of Dr. Duff, desire to express their entire concurrence in the Resolution

which the Syndicate passed on receiving Dr. Duff's resignation, and to return to him their hearty thanks for the zeal, diligence, and wisdom with which he has acted as one of their representatives ever since the foundation of the University, and for the other eminent services which he has rendered, during more than a quarter of a century, to the cause of education in India.

31. The Rev. Dr. Mullens was elected to represent the Faculty in the Syndicate for the remainder of the current year.

32. The Faculty proceeded to consider the changes in the Regulations proposed by the Sub-Committee of the Syndicate. The further consideration of these changes will take place at a meeting of the Faculty of Arts to be held on Tuesday, the 11th instant, at 3 P. M.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
G. E. L. CALCUTTA,
President.

MINUTES

OF

THE FACULTY OF ENGINEERING,

FOR THE YEAR 1863-64.

No. 2.

The 6th August.

Present :—

MAJOR GENERAL THE HON'BLE SIR ROBERT NAPIER, *President.*
CAPT. WILLIAMS.
MR. SUTCLIFFE, M. A.
MR. ATKINSON, M. A.
COL. BEADLE.

33. The Faculty proceeded to consider the principles on which it is proposed to revise the Regulations relative to Examinations connected with the Faculty of Engineering.

RESOLVED :—

1. That no candidate shall be admitted to the Degree of L. C. E. until the expiration of five academical years from the date of his passing the Entrance Examination.

(The Professional Examination shall be that now provided for the similar grade, except para. 11.)

2. That no candidate shall be admitted to the Degree of B. C. E. until he has graduated as B. A.

(The Professional Examination shall be the same as L. C. E.)

3. That any person who has graduated as B. C. E. may be admitted to the Degree of M. C. E. upon passing the prescribed Examination or upon its being testified by the Faculty that he has eminently distinguished himself either by Professional writings or practice.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
R. NAPIER,
President.

MINUTES

OF

THE FACULTY OF ARTS,

FOR THE YEAR 1863-64.

No. 3.

The 11th August.

Present :—

THE LORD BISHOP of Calcutta, *President.*
MR. WOODROW, M. A.
MR. OGILVIE, M. A.
MR. SUTCLIFFE, M. A.
MR. ATKINSON, M. A.
MR. COWELL, M. A.
MR. MCCRINDLE, M. A.
DR. ANDERSON, M. D.
CUWAR HUREENDRO KRISHNA.

34. The consideration of the Report of the Sub-Committee for revising regulations was resumed.

RESOLVED :—

That the Report of the Sub-Committee with certain alterations recommended by the Faculty, be agreed to.

The report in its amended form was referred to the Syndicate.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
G. E. L. CALCUTTA.
President.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 4.

The 15th August.

Present :—

THE LORD BISHOP of Calcutta *in the chair.*
MR. ATKINSON, M. A.
MR. BEAUFORT.
DR. MULLENS, D. D.
DR. FAYRER, M. D.

35. The report of the Sub-Committee to revise the Regulations as amended by the several Faculties was considered.

The Syndicate recommended some changes and resolved that the Report thus amended, be printed and forwarded to the Senate, which was appointed to meet on Monday, the 31st August.

G. E. L. CALCUTTA,
Chairman.

MINUTES

OF

THE SENATE,

FOR THE YEAR 1863-64.

No. 1.

The 31st August.

Present :—

THE REV. J. MULLENS, D. D. *(in the chair).*
MR. WOODROW, M. A.
REV. J. OGILVIE, M. A.
MR. SUTCLIFFE, M. A.
DR. GOODEVE, M. D.
CAPT. WILLIAMS.
MR. THEOBALD.
MR. ATKINSON, M. A.
MR. COWELL, M. A.
REV. K. M. BANERJEA.
MR. MACPHERSON.
MR. GOODEVE.
MR. MONTRIOU.
DR. FAYRER, M. D.
DR. CHEVERS, M. D.
MR. PARTRIDGE, F. R. C. S.
DR. MACNAMARA, M. D.
MR. MEDLICOTT, B. A.
MR. MCCRINDLE, M. A.

Baboo Romanath Tagore.
Dr. Anderson, M. D.
Baboo Rajendralal Mitter.
Col. Beadle.
Kuwar Harendra Krishna.
Dr. Chuckerbutty, M. D.

36. The Senate proceeded to consider the "Revised Regulations" proposed by the Syndicate for the future conduct of the University Examinations.

It was proposed by the Rev. K. M. Banerjea and seconded by Dr. Chuckerbutty.

"That in consequence of some dissatisfaction felt at the alterations introduced into these Revised Regulations by the Syndicate, they be remanded to the Syndicate, with instructions to refer them to the several Faculties for such further revision as they deem desirable."

The Resolution was put and lost.

37. It was then proposed by Mr. Sutcliffe and seconded by Kuwar Harendra Krishna:

"That the Regulations proposed for the Entrance Examination be accepted and passed as they stand."

Mr. Woodrow moved the following amendment: "That all limitation of age be omitted from clause 2." The amendment was lost, and the original motion carried unanimously.

38. It was moved by Mr. Sutcliffe and seconded by Kuwar Harendra Krishna:

"That the Regulations, proposed for the First Examination in Arts be accepted and passed as they stand."

An amendment was moved by Baboo Rajendralal Mitter:

"That in clause 2, the word "affiliated" be omitted. This amendment was lost.

A second amendment was moved by Baboo Rajendralal Mitter and adopted:

"That Persian be omitted from the list of classical Languages given in clause 6."

Mr. Woodrow moved the following amendment to clause 6: "That the Course of History prescribed for the First Examination in Arts be the History of England to the death of Queen Elizabeth, with the British period of the History of India." The amendment was lost: and the Resolution of Mr. Sutcliffe (amended by the omission of Persian) was carried unanimously.

39. Mr. Sutcliffe moved and Kuwar Harendra Krishna seconded: "That the Persian language being omitted, the Regulations proposed for the B. A. Examination be accepted and passed."

Mr. Woodrow proposed as an amendment: "That Conic Sections be transferred from the optional subjects of Examination in Clause 6, Sec. 5, to the fixed subjects in Sec. 3: and that Hydrostatics, Hydraulics and Pnuematics be transferred from Sec. 3 to Sec. 5." The amendment was lost.

The following amendment moved by Baboo Rajendralal Mitter was carried: "That to the subjects prescribed in History be added the History of Greece to the death of Alexander."

With this amendment and the omission of Persian, Mr. Sutcliffe's Resolution was unanimously carried.

40. It was proposed by Mr. Sutcliffe, seconded by Dr. Anderson and carried unanimously: "That the Regulations proposed for the EXAMINATION FOR HONORS IN ARTS be accepted and passed as they stand."

41. It was proposed by Mr. Sutcliffe seconded by the Rev. J. Ogilvie and carried unanimously; "That the Regulations proposed for the Examination for the Degree of M. A. be accepted and passed as they stand."

42. It was proposed by Mr. Theobald, seconded by Mr. Montriou and carried unanimously: "That in the Regulations proposed for Examination in LAW, the last words of para. 2, Clause 4, should stand thus: "on some subject of Jurisprudence or constitutional Law."

It was also proposed by Mr. Montriou, seconded by Mr. Goodeve and carried: "That the word 'Professional' be omitted from clauses 1, 2 and 3."

It was moved by Mr. Montriou: "That the term B. L. be substituted for L. L. in clause 1."

43. An amendment was moved by Dr. Goodeve: "That the Degree of Licentiate be removed from the Faculties of Law, Medicine and Civil Engineering."

It was then moved by Mr. Goodeve: "That owing to the lateness of the hour, and the important issues involved in Dr. Goodeve's amendment, the Senate now adjourn, and meet again in the Town Hall on Monday, Sept. 14th."

The motion was carried, and the Senate accordingly adjourned.

J. MULLENS,
Chairman.

MINUTES

OF

THE SENATE,

FOR THE YEAR 1863-64.

No. 2.

The 14th September.

Present:—

THE BISHOP OF CALCUTTA, *in the Chair.*
CAPT. LEES, LL. D.
MR. OLDHAM, LL. D.
MR. WOODROW, M. A.
BABOO PROSONO COOMAR TAGORE.
REV. J. OGILVIE, M. A.
REV. J. MULLENS, D. D.
BABOO RAM GOPAL GHOSE.
MR. SUTCLIFFE, M. A.
DR. GOODEVE, M. D.
CAPTAIN WILLIAMS.
MR. GEORGE SMITH, M. A.
MR. THEOBALD.
MR. COWELL, M. A.
MR. BEAUFORT.
MR. MACPHERSON.
MR. SETON-KARR.
MR. GOODEVE.
MR. MONTRIOU.
DR. FAYRER, M. D.
DR. CHEVERS, M. D.
MR. PARTRIDGE, F. R. C. S.
DR. MACNAMARA, M. D.
RAJA KALI KRISHNA BAHADOOR.

BABOO ROMANATH TAGORE.
DR. CHUCKERBUTTY, M. D.
COL. BEADLE.
KUWAR HARENDRA KRISHNA.

44. The Minutes of the last meeting were read and confirmed; and the Senate proceeded to consider the Revised Regulations in Law.

45. It being objected that Dr. Goodeve's amendment proposal at the last meeting was informal, because it relates to three Faculties, while only the Regulations in Law were before the Senate, Dr. Goodeve withdrew his amendment.

46. Mr. Montriou also withdrew his original Resolution and substituted for it the following Resolution, which was seconded by Dr. Chuckerbutty:

> "That no Candidate be admitted to the Degree of B. L. until three years have expired since he passed the First Examination in Arts or such other Examination as may be substituted for it by the Syndicate."

To this Resolution Dr. Goodeve moved the following amendment, which was seconded by Dr. Fayrer and carried:

> "That the further consideration of the Rules under discussion be postponed: and that the Senate recommend to the Syndicate to consider the advisability of removing the Degree of Licentiate from the University, and to take the opinion of the Faculties on the subject."

47. It was moved by Mr. Sutcliffe, seconded by Kuwar Harendra Krishna and carried:

> "That the Syndicate be empowered to publish separately the Regulations in Arts as now confirmed: and that those Regulations take effect after the next examinations, except as to the substitution of Classical Languages for the Vernaculars."

The Senate then adjourned.

G. E. L. CALCUTTA,
Chairman.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 5.

The 26th September.

Present :—

THE LORD BISHOP, *in the Chair.*
REV. J. MULLENS, D.D.
CAPT. WILLIAMS.
MR. BEAUFORT.
DR. FAYRER, M. D.

48. The Syndicate proceeded to appoint Examiners for the approaching Examinations in Arts and Law.

RESOLVED :—

That the following Gentlemen be appointed :

ARTS.

First and B. A. Examinations.

English and Classics,.....	Rev. J. Richards, M. A. Rev. W. C. Fyfe.
Sanscrit and Bengali, ...	Rev. Krishna Mohun Banerjee. Rev. J. Wenger.
Arabic, Persian and Urdu,...	H. Blochmann, Esq.
Hindi and Oorya, ...	Rev. Krishna Mohun Banerjee.
History, ...	W. Grapel, Esq., M. A. W. L. Heely, Esq., B. A.

Mathematics, ...	J. Sutcliffe, Esq., M. A. Rev. K. S. Macdonald, M. A.
Mental and Moral Science,...	J. Sanders, Esq. Rev. J. Ogilvie, M. A.
Physical Science, ...	F. N. Macnamara, Esq., M. D. S. B. Partridge, Esq.

Entrance Examination.

English and Classics,.....	Rev. W. Johnson, B. A. George Bellett, Esq., M. A.
Sanscrit and Bengali, ...	Baboo Shama Churn Sircar. Rev. Lall Behary De.
Arabic, Persian and Urdu,...	H. Blochmann, Esq.
Hindi and Oorya, ...	Rev. Krishna Mohun Banerjee.
History and Geography, ..	Rev. E. Storrow. P. Hordern, Esq., B. A.
Mathematics, ...	Rev. W. Sampson. H. Scott Smith, Esq., B. A.

LAW.

W. A. Montriou, Esq., ... H. Cowell, Esq.,...	Barristers-at-Law.

49. Read an application, accompanied by a certificate, signed by the Lord Bishop of Calcutta and Dr. Kay, and other documents required by the Regulations, for the affiliation to the University of St. Thomas' College, Colombo.

RESOLVED :—

That the Institution be affiliated accordingly.

50. Read a letter from Mr. Medlicott, Inspector of Schools, S. W. Bengal, recommending that Bancoorah be appointed a station for holding the Entrance Examination, and submitting the names of certain resident gentlemen who are willing to superintend the Examinations, if held there.

RESOLVED :—

That Bancoorah be appointed a station for holding the Entrance Examination; and that the Local Committee of Public Instruction be requested to superintend the Examination.

51. With reference to the resolution of the Syndicate in para. 26 of the Minutes, read a letter from the Principal of the Presidency College, forwarding a memorial from the unsuccessful L. L. Candidates of last year, and pointing out that under the latter clause of para. 4 of the L. L. Regulations, they might be admitted under the special Provision since expired.

RESOLVED :—

That the Syndicate see no reason to alter the decision come to at a previous Meeting, see Minutes page 16, Vol. VII.

52. The Registrar submitted the usual return of conduct of the Junior University Scholars for the month of August, and requested information as to whether Jadub Chunder Banerjee, whose conduct in the Hospital has been reported unsatisfactory, should receive his scholarship for the month or not ?

RESOLVED :—

That Baboo Jadub Chunder Banerjee forfeit his scholarship for the month of August, and that no stipend for any future month be issued to him until he produces the required Certificate from the Principal of the Medical College.

53. Read an application from Sub-Assistant Surgeon Unnoda Churn Kastogry, who completed his Medical studies in 1857, and who formerly was a senior Scholar in the Dacca College, praying to be admitted to the next Examination for D. M. Degree without being required to pass the preliminary Examinations prescribed in para. 41 of the Regulations for the Degree of D. M. as a similar indulgence was granted by the Syndicate in case of Dr. Mohendro Lall Sircar.

RESOLVED :—

That the applicant be informed that the Syndicate cannot dispense with the preliminary examination in Mental and Moral Science.

54. Read the following resolution passed by the Senate at their meeting held on the 14th September 1863 :

"That the further consideration of the Rules under discussion be postponed: and that the Senate recommend to the Syndicate to consider the advisability of removing the Degree of Licentiate from the University, and to take the opinion of the Faculties on the subject."

RESOLVED:—

That the Registrar circulate the above Resolution to the several Faculties of Law, Medicine and Engineering for their consideration and report; and that each Faculty be requested to draw up a scheme of rules for its examinations.

55. Read a letter from Mr. George Smith, intimating that 3,000 copies of the First Volume of Mr. Marshman's History of India will reach Calcutta by the month of November next, in time to be used for the purposes of Examination of 1864.

56. The Registrar submitted a copy of Yonge's Landmarks of Ancient History and requested to know at what Examinations it should be used.

RESOLVED:—

That both the works be used for the Entrance Examination of December 1864 and be gazetted accordingly.

57. Read a letter from Mr. Sutcliffe recommending the omission of two Essays in the Mirror, on Hamlet and Addison's Papers in the Spectator on Milton, from the First Examination course of 1863 and 1864.

RESOLVED:—

That Mr. Sutcliffe's recommendation be agreed to.

58. The Lord Bishop gave notice that at the next meeting of the Syndicate he should propose an alteration of the Bye-Laws so as to allow the Representatives in the Syndicate and the Presidents of the Faculties to be elected at one meeting.

59. Dr. Mullens gave notice that at the next meeting of the Syndicate he should propose the following resolution:

"That during the next three years all students of affiliated Institutions who can produce certificates from their Principals

that they studied in them a full period of four years and finally quitted those Institutions on or before December 1860, may be admitted to the Examination for the Degree of B. A. on payment of the usual fee, without first passing the Entrance Examination and the First Examination in Arts."

60. The Registrar submitted the following account current of the University for the quarter ending 31st July 1863.

RECEIPTS.

From Government, ...	4966	1	5

DISBURSEMENTS.

Salaries, ...	1212	0	0
House-Rent, ...	300	0	0
Scholarships, ...	672	0	0
Contingencies, ...	2482	1	5
Remuneration to M. D. Examiners, ...	300	0	0
Total Rupees,...	4966	1	5

61. The following bills of Contingencies were passed.

Baptist Mission Press for 250 copies of Minutes for 1862-63, ...	493	2	6
Ditto ditto, 400 B. A. Course for 1864, ...	586	12	0
Ditto ditto, Jobs, &c., ...	250	5	6
School Book Press, ditto ditto, ...	60	0	0
Expenses incurred in the office, ...	9	12	0
Total Rupees,...	1400	0	0

J. RICHARDS,
Offg. Registrar.

(Confirmed)
G. E. L. CALCUTTA,
Chairman.

MINUTES

OF

THE FACULTY OF MEDICINE,

FOR THE YEAR 1863-64.

No. 3.

The 5th October.

Present :—

DR. FAYRER, *President.*
DR. CHEVERS.
MR. PARTRIDGE.
DR. CHUCKERBUTTY.

62. Read the resolution of the Syndicate, forwarding a resolution of the Senate, recorded in Minutes Vol. VII. page 32.

After due consideration, it was resolved that the following principles be adopted.

1. The the Licentiate's degree be abolished.

2. That the Government be moved to qualify its Colleges to grant Licenses as heretofore.

3. That the degree of B. M. be constituted.

4. That the only degrees of Medicine in the University be B. M. and D. M.

5. That the degree of B. M. be given after five years of academic study of Medicine.

(The present Licentiate's curriculum to be adopted, but it is to be subsequent to the passing First Examination in Arts with Latin.)

6. That students who pass in the first division of B. M. may proceed to Honors in this degree.

7. That any Bachelor of Medicine may proceed to the Examination for D. M. on the following terms:

Five years of certified practice of his profession subsequent to passing the B. M. Examination; *or* two years' hospital practice and two years' private practice, should he prefer it. But any Bachelor of Medicine who has taken honors in Medicine or Surgery may proceed to D. M. Examination after two years' practice, either hospital or private.

2. He must present a commentary on cases in medicine or surgery, or an approved thesis on some subject allied to Medicine or Surgery.

3. He must pass the B. A. Examination, the University to be petitioned to exempt him from attendance at some affiliated Institution, as required in the Arts curriculum.

4. A professional Examination as now laid down.

8. Graduates of the Bengal Medical College and Licentiates of the University up to the date of these rules coming into force may be admitted to the degree of D. M. (1) upon producing their diplomas, (2) on giving evidence of their having attained the age of 35, (3) that they pass the professional Examination as now in the Calendar, (4) that they pass an Examination equivalent to that of B. A. with Latin, or in Mental and Moral Science as now in the Calendar, (5) that they have been in the practice of their profession 5 years after obtaining their diplomas, (6) that they produce evidence of fitness, moral and social for this degree. Nothing in these rules to be retrospective as far as regards the present students.

Note.—As every University in Europe confers the degree of Master of Surgery (M. S.), the Faculty think it worthy of consideration whether this degree might not be conferred in this University.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
J. FAYRER, M. D.
President.

MINUTES

OF

THE FACULTY OF ENGINEERING,

FOR THE YEAR 1863-64.

No. 3.

The 8th October.

Present :—

COL. BEADLE, *in the Chair.*
CAPT. WILLIAMS.
MR. SUTCLIFFE, M. A.

63. Read the resolution of the Syndicate forwarding a resolution of the Senate recorded in Minutes Vol. VII. page 32.

After due consideration it was resolved that it be recommended to the Syndicate that the following principles should be adopted in revising the Regulations touching degrees in Engineering.

1. That the L. C. E. be abolished.

2. That there be two degrees in Engineering, namely B. C. E. and M. C. E.

3. That no candidate shall be admitted to the degree of B. C. E. until the expiration of three academical years from the date of his passing the First Examination in Arts.

*(The Professional Examination shall be that now provided for the Licentiate degree, except para. 11.)

* The Faculty of Engineering recommend that the standard be raised. They think ½th and ⅝th marks too low.

4. That any person who has graduated as B. C. E. and as B. A. may be admitted to the degree M. C. E. on passing the prescribed Examination.

J. RICHARDS,
Offg. Registrar.

(Confirmed)
J. P. BEADLE,
Chairman.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 6.

The 31st October.

Present :—

THE LORD BISHOP, *in the Chair*..
REV. J. MULLENS, D.D.
J. FAYRER, M. D.
CAPT. WILLIAMS.

64. A proposal was made, by the Lord Bishop, to alter the Bye-Laws so as to allow the representatives in the Syndicate and the Presidents of the Faculties to be elected at one meeting.

RESOLVED :—

That, with a view to effecting this object, the Senate be requested to alter para. 4 of the Bye-Laws relating to the Faculties, and para. 2 of the Bye-Laws relating to the Syndicate as follows :—

Para. 4. If any Faculty omit to elect a President at the time mentioned in the next section, or, in case the office should become vacant during the year, to elect a President for the rest of the year within one month after the vacancy occurs, the Vice-Chancellor may appoint any member of such Faculty to be its President.

Para. 2. The election both of the Presidents and the Members of the Syndicate to take place within one month before the Annual Meeting of the Senate, and the names of the persons elected to be declared at such Meeting.

65. Proposed by Dr. Mullens, that all students of Affiliated Institutions who can produce certificates from their Principals that they studied in them a full period of four years and finally quitted those Institutions on or before December 1860, may be admitted to the B. A. Examinations of 1865 and 1866 on payment of the usual fee, without first passing the Entrance Examination and the First Examination in Arts.

RESOLVED :—

That Dr. Mullens's proposal be forwarded, for consideration and report, to the Faculty of Arts.

66. Read an application from Baboo Nittanundo Nundy, a Licentiate in Medicine and Surgery of the University, praying to be admitted to the next M. D. Examination, without being required to pass the B. A. Examination.

RESOLVED :—

That the Syndicate have no power to dispense with the B. A. Examination, as, by para. 9 of the Bye-Laws relating to the Syndicate, they are authorised to hold Examinations only in conformity with the regulations.

67. Read a letter from Messrs. Thacker, Spink and Co., proposing to raise the price of the University Calendar from Rs. 1-8 to Rs. 2 per copy.

RESOLVED :—

That the proposal be sanctioned.

68. Read the following letter from Mr. Cowell, reporting on the subjects of Examination in Persian and Urdu for 1865.

To H. SCOTT SMITH, ESQ.,

Registrar of the Calcutta University,

Calcutta, 23rd October, 1863.

SIR,

In reply to the letter from the late Officiating Registrar, I beg to state that I have examined the Urdu and Persian

books sent; but I would submit my report with very great diffidence, as I have had but little leisure to give to the task (which must be my apology for the delay in answering your letter) and my knowledge of Urdu literature is very limited.

I would beg to remark at the outset that I doubt, whether, *beyond the Entrance Examination*, it is suitable to the dignity of a University, to adopt selections at all. By selections I do not mean *complete portions* of a work too long in itself to be taken up entirely. In Oxford for instance, two books of Thucydides or the satires of Horace are given as a subject of examination, but these are portions complete to a certain extent in themselves. But the same could not be said of a selection containing two hundred lines from Homer, some choruses from Sophocles and idylls from Theocritus. Now Mr. Kempson's Persian selections* are on this principle,—they are excellent as school-books, but not as University text-books,—they are in fact a Persian "Analecta Minora." I subjoin the contents of each volume.

	Vol. I.	*Page*
1.	Extracts (short) from Gulistan and Bostan, ...	1—55
2.	Select letters from various standard authors,...	57—129
3.	Select moral extracts on justice, purity, &c.,	130—140
4.	Pleasing anecdotes, ...	141—153
5.	Account of ancient sages, Lokman, Pythagoras, &c., ...	154—177
	Vol. II.	
1.	Extracts from Ikhwan us Safa in Persian, ...	1—62
2.	Extracts from letters of Aurengzib and others,	63—85
3.	A prose account of early Persian history *i. e.* Mythic period, ...	86—111
4.	Short sketch of Indian history after Aurengzib's death, ...	112—124
5.	Short poetical extracts from Nizami, ...	125—148
6.	Moral discourses supposed to have been delivered by Socrates, Aristotle, &c.,.....	149—158

* These were sent in two volumes, but I have not seen the Urdu.

I would object to both these volumes that they are mere Analecta; but to the second I would beg to make the much stronger objection that the larger part of the volume consists of compositions by Maulavis of the present day, and this when Persian literature has a greater number of standard classical authors in prose and verse, than any other literature in the world.

Having premised these observations, I would respectfully beg to submit the following scheme to the Syndicate, (I have consulted Captain Lees and the Rev. K. M. Banerjea in forming it, and adopted to a certain extent their views.) As the time is now far advanced I have kept in view facility of publication, as we cannot afford to spend any more time than is absolutely necessary, in selecting as well as printing.

I. For the Urdu I would recommend—

Urdu.

a. For the *Entrance Examination*, 1865.

The first part of Captain Fuller's selections, which seem to me very well adapted for the Course.

b. For the *First Examination in Arts*, 1865.

Captain Fuller's second part of selections as well as the former part. (This is what he himself recommends.) The second part consists of well chosen extracts of more difficulty, and if it was thought unadvisable to add the first part (which is no doubt much easier than the second), perhaps Captain Fuller might be requested to increase his extracts, so as to maintain a uniform standard of difficulty.

At the same time I would beg to suggest that a volume of 250 pages or so, seems amply sufficient for the Course for either examination. The recently published Urdu Course for the Entrance Examination of 1864 contains 460 pages, which seems to me quite out of proportion with the amount required in Bengali.

II. *Persian.*

For Persian I would make the following recommendations.

a. For the *Entrance Examination*, 1865.

The selections from the Gulistan and Anwari Sohaili already adopted for 1864, only omitting the Bostan which is now added as a separate volume. It is impossible to have a better book, as both its authors are first-rate classics, and the more difficult passages are purposely omitted. I do not see why the repetition of a really good book is objectionable; and it has in fact never been the practice hitherto to change the Persian authors every year.

b. For the *first Examination in Arts*, 1865. The first and second books of Abulfazl's letters (already adopted for 1864) and the first part of the Diwan of Hafiz to the end of the letter *dal* (د)—Captain Lees suggests the Samrat-ul-Badaya, but this would require to be reprinted, which seems hardly worth while, as Persian will probably be abolished in the First Examination.

In Arabic, I would simply support Captain Lees' recommendations, viz. :—

a. For the Entrance.

Nowadir-i-Qalyoobi.

Nufhat-ul-Yaman, and

b. For the First Examination.

Diwani Motanabbi—2nd half.

Tarikh-i-Yamini.

The Urdu book recommended by Captain Fuller, entitled the Khatti Takdir, is a treatise on fate and free will. It is somewhat abstruse, but would be very well suited for a *B. A. Examination* Course in Urdu, if such were required.

I have the honor to remain,

Sir,

Yours most obediently,

EDWD. B. COWELL.

P. S.—Should a selection be required for the B. A. Examination of 1866, I would beg to recommend as follows.

Arabic.

Ikwan-us-safa.

Sayuti's Tarikh-ul-Kholfa (as in 1863).

Persian.

Akhlak-i-Jalali.

Diwan-i-Hafiz (as in 1864).

Urdu.

Diwan-i-Sauda (Kasidas) as in printed selections.

Khatt-i-Takdir (as recommended by Captain Fuller).

RESOLVED :—

That the thanks of the Syndicate be offered to Mr. Cowell.

That the subjects of Examination which he has selected, be adopted and published in the *Calcutta Gazette*.

That Captain Fuller be requested to publish for the University, the selections in Urdu referred to in Mr. Cowell's report; to increase his extracts for the First Examination in Arts so as to maintain a uniform standard throughout; and to make the volume for each Examination from 200 to 250 pages in length.

69. Read a letter from Mr. Sutcliffe, Principal of the Presidency College, pointing out that the time for the M. A. and Honor Examinations is fixed by para. 31 of the Regulations in Arts for the first week in March, whereas in the Almanac of the New Calendar, it is said that these Examinations will be held on the 2nd of February.

RESOLVED :—

That Mr. Sutcliffe be informed that the times for Examinations, as given in the Regulations, are only to be considered as general directions, which may be altered by the Syndicate (see note to Bye-Laws relating to Senate) from year to year, as may be found necessary; but that the Almanac alone fixes the exact dates for all Examinations.

70. Dr. Fayrer drew the attention of the Syndicate to the valuable service done by Dr. Partridge in printing the late Medical Examination papers under his personal superintendance and at his own expense.

RESOLVED:—

That the best thanks of the Syndicate be offered to Dr. Partridge for his trouble, and that he be asked to say what expense he was put to in the matter.

71. With a view to securing due superintendence at the ensuing Examinations, the Registrar was directed to request the managers of all Colleges or Schools situated within a reasonable distance of Calcutta, and sending forward not less than ten candidates, to provide one superintending master, and those sending forward not less than twenty-five candidates to provide two superintending masters on each day of Examination.

H. SCOTT SMITH,
Registrar.

(Confirmed)
G. E. L. CALCUTTA,
Chairman.

MINUTES

OF

THE FACULTY OF ARTS,

FOR THE YEAR 1863-64.

No. 4.

The 7th November.

Present :—

THE LORD BISHOP, *President.*
MR. WOODROW, M. A.
MR. OGILVIE, M. A.
REV. J. MULLENS, D. D.
BABOO RAMGOPAL GHOSE.
MR. SUTCLIFFE, M. A.
MR. COWELL, M. A.
COWAR HARENDRA KRISHNA.

72. Read an extract from the proceedings of the Syndicate (Minutes, para. 65) referring the following proposed change in the Regulations for the consideration and report of the Faculty.

"That students of Affiliated Institutions who can produce certificates from their Principals that they studied in them a full period of four years, and finally quitted those institutions on or before December 1860, may be admitted to the B. A. Examinations of 1865 and 1866 on payment of the usual fee, without first passing the Entrance Examination and the First Examination in Arts."

RESOLVED :—

That the Faculty recommend the adoption of the above proposal.

H. SCOTT SMITH,
Registrar.

(Confirmed)
G. E. L. CALCUTTA,
President.

MINUTES

OF

THE FACULTY OF LAW,

FOR THE YEAR 1863-64.

No. 3.

The 4th December.

Present:—

THE HON'BLE H. S. MAINE, LL. D., *President.*
BABOO PROSUNNO COOMAR TAGORE.
MAULAVI MOHAMUD WUZEEH.
MR. THEOBALD.
MR. BEAUFORT.
MR. MACPHERSON.
MR. GOODEVE.
MR. MONTRIOU.
MAULAVI ABDOOL LUTEEF KHAN BAHADOOR.

73. Read a resolution of the Syndicate (Minutes, No. 5, para. 54) forwarding for the consideration of the Faculty, the following resolution passed by the Senate at their meeting held on the 14th September, 1863.

"That the further consideration of the Rules under discussion be postponed, and that the Senate recommend to the Syndicate to consider the advisability of removing the Degree of Licentiate from the University, and to take the opinion of the Faculties on the subject."

Proposed by Mr. Theobald, and seconded by Mr. Montriou:—

That the Licentiate Degree be abolished.

The proposal was rejected.

H. SCOTT SMITH,
Registrar.

(Confirmed)
HENRY S. MAINE,
President.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 7.

In Circulation.

74. A letter from Mr. Cowell, pointing out the hardship it would impose on candidates for Entrance, if Marshman's India and Yonge's Landmarks of Ancient History be introduced into the Examination of 1864, and suggesting their postponement to 1865.

RESOLVED :—

That Mr. Cowell's recommendation be adopted.

75. A petition from certain graduates praying that the M. A. and Honor Examinations may be held in March, as appointed under the Regulations, in place of early in February as given in the Calendar, and strongly recommended by Mr. Cowell, the Professor of History, and Mr. Sutcliffe, Principal of the Presidency College.

RESOLVED :—

That the Examinations commence on Tuesday the 23rd of February.

76. The Registrar reported that he had received notice to vacate before the first of January the rooms at No. 10, Camac Street, at present occupied by the University Office, and requested permission to remove it to No. 3, Russell Street, where he could obtain suitable accommodation for the same rent.

RESOLVED :—

That the office be removed to No. 3, Russell Street.

H. SCOTT SMITH,

Registrar.

MINUTES OF THE SYNDICATE IN CIRCULATION, 12TH DECEMBER, 1863.

The following Budget estimate of receipts and expenses of the University for the year 1863-64, was ordered to be forwarded to Government.

Number.				Actual.	Estimate.	
1862-63	1863-64.	1864-65	ALLOWANCE TO EXAMINERS.	1862-63.	1863-64	1864-65
			ARTS			
4	4	4	English and Classics.	2,000 0 0	2,000 0 0	2,000 0 0
5	5	5	Bengali, Sanscrit, Hindi, Oorya, Persian and Urdu.	2,500 0 0	2,500 0 0	2,500 0 0
4	4	4	History and Geography.	2,000 0 0	2,000 0 0	2,000 0 0
4	4	4	Mathematics and Natural Philosophy .	2,000 0 0	2,000 0 0	2,000 0 0
2	2	2	Mental and Moral Science. .	1,000 0 0	1,000 0 0	1,000 0 0
2	2	2	Physical Science. .	400 0 0	400 0 0	400 0 0
6	6	6	Honors in Arts.	600 0 0	600 0 0	600 0 0
			Additional allowance to Examiners for increased number of Candidates or other Contingencies. .	0 0 0	0 0 0	2,500 0 0
			LAW.			
2	2	2	Examiners	1,000 0 0	1,000 0 0	1,000 0 0
	2	2	Honors in Law	0 0 0	200 0 0	200 0 0
			Carried forward,	11,500 0 0	11,200 0 0	13,700 0 0

Number. 1862-63.	Number. 1863-64.	Number. 1864-65.		Actual. 1862-63.	Estimate. 1863-64.	Estimate. 1864-65.
			Brought forward,	11,500 0 0	11,200 0 0	13,700 0 0
			MEDICINE.			
			Licentiate in Medicine and Surgery.			
1	1	1	Medicine and Midwifery.	400 0 0	400 0 0	400 0 0
1	1	1	Descriptive and Surgical Anatomy	400 0 0	400 0 0	400 0 0
1	1	1	Botany and Materia Medica.	400 0 0	400 0 0	400 0 0
1	1	1	Chemistry and Medical Jurisprudence.	400 0 0	400 0 0	400 0 0
1	1	1	Surgery and Opthalmic Surgery.	400 0 0	400 0 0	400 0 0
1	1	1	Physiology and Zoology.	400 0 0	400 0 0	400 0 0
			Doctor of Medicine.			
1	1	1	Medicine.	200 0 0	100 0 0	100 0 0
1	1	1	Surgery.	200 0 0	100 0 0	100 0 0
1	1	1	Midwifery.	200 0 0	100 0 0	100 0 0
1	1	1	English, Mental and Moral Science.	200 0 0	100 0 0	100 0 0
			Civil Engineering (L. C. E. and M. C. E.)			
1	1	1	Engineering.	0 0 0	300 0 0	300 0 0
1	1	1	Drawing and Geodesy.	0 0 0	300 0 0	300 0 0
1	1	1	Mathematics and Mechanics.	0 0 0	300 0 0	300 0 0
			Scholarships.			
			Medical Scholarships, at 16.	576 0 0	1,536 0 0	1,728 0 0
			Medical Scholarships, at 40.	1,733 5 4	2,400 0 0	2,400 0 0

			Medals.								
			Cost of dies for Medals.	295	2	11	0	0	0	0	0	0
			Gold Medals.	161	14	0	300	0	0	300	0	0
			Publications.									
			English Course for Entrance.	3,829	8	0	3,750	0	0	0	0	0
			Bengali ditto ditto.	1,082	3	0	2,500	0	0	0	0	0
		{	Persian ditto ditto.	1,413	14	0	1,187	0	0	1,000	0	0
		{	Urdu ditto ditto.	0	0	0	1,559	6	0	1,700	0	0
			English Course for First Examination in Arts. ...	4,011	6	0	2,500	0	0	0	0	0
			Bengali ditto ditto.	0	0	0	0	0	0	0	0	0
		{	Persian ditto ditto.	902	15	11	0	0	0	1,000	0	0
		{	Urdu ditto ditto.	0	0	0	934	2	11	1,500	0	0
			English Course for B. A.	670	0	0	1,000	0	0	0	0	0
			Bengali ditto ditto.	55	0	0	0	0	0	0	0	0
			Landmarks of Ancient History.	3,500	0	0	0	0	0	0	0	0
			Probodh Chundrica.	508	14	0	0	0	0	0	0	0
			Calendar....	599	0	0	600	0	0	300	0	0
			Minutes of the Senate.	642	3	0	400	0	0	600	0	0
			Purchase of Copyright of Bengali works.	150	0	0	250	0	0	250	0	0
			Academic Costume for Senate.	2,776	0	0	588	0	0	500	0	0
			Printing, Advertisement and Sundries.	5,032	5	11	3,600	0	0	5,000	0	0
			Amount for making desks and stools for the Examination.	0	0	0	0	0	0	4,000	0	0
			Establishment.									
			Registrar.	3,300	0	0	3,600	0	0	3,600	0	0
			Clerks, Messengers, Duftory, Bearer and Durwan. ..	1,108	0	0	1,248	0	0	1,668	0	0
			House Rent.	1,100	0	0	1,200	0	0	1,200	0	0
			Total Rs.	48,147	12	1	44,552	14	1	44,646	0	0

Number. 1862-63.	Number. 1863-64.	Number. 1864-65.	RECEIPTS.	Actual. 1862-63.	Estimate. 1863-64.	Estimate. 1864-65.
			FEES.			
1114	1050	1200	Entrance Examination.	5,570 0 0	5,250 0 0	6,000 0 0
220	200	300	First Examination in Arts.	2,200 0 0	2,000 0 0	3,000 0 0
35	30	30	B. A. Examination.	700 0 0	600 0 0	600 0 0
7	3	4	M. A. and Honor Examinations.	350 0 0	150 0 0	200 0 0
34	25	28	B. L. and L. L. Examinations.	850 0 0	625 0 0	700 0 0
35	20	30	L. M. S. First Examination.	175 0 0	100 0 0	150 0 0
19	20	20	L. M. S. Second Examination.	475 0 0	500 0 0	500 0 0
...	...	1	M. D. Examination.	0 0 0	0 0 0	50 0 0
...	10	4	L. C E Examination.	0 0 0	250 0 0	100 0 0
			Contribution to the Gown Fund.	675 0 0	650 0 0	100 0 0
			Sale of University Publications.	7,008 8 3	10,000 0 0	500 0 0
			Total Rupees, .	18,003 8 3	20,125 0 0	11,900 0 0

The Registrar stated that it had been represented to him by several of the Examiners for Entrance that the time allowed for giving in the result of the Examination was insufficient.

RESOLVED :—

That in accordance with the power given to them in the foot-note to para. 1 of the Bye-Laws, the Syndicate grant *three* additional days to the Examiners for preparing the result of both the Entrance and First Examination.

H. SCOTT SMITH,
Registrar.

MINUTES

OF

THE FACULTY OF MEDICINE,

FOR THE YEAR 1863-64.

No. 4.

The 2nd January,

Present :—

DR. FAYRER, *President.*
DR. GOODEVE.
DR. CHEVERS.
DR. PARTRIDGE.
DR. MACNAMARA.
DR. CHUCKERBUTTY.

78. Read the following minute by the President.

At the meeting of the Medical Faculty on the 5th October last, it was recommended by the majority that the Licentiate's Degree (L. M. S.) should be abolished; and it was also recommended that the Degree of Bachelor of Medicine, M. B. should be constituted.

A plan of education, not only in Medicine, but especially in reference to the preliminary studies of undergraduates before proceeding in Medicine, was suggested, and one essential element in this was Latin.

This resolution of the Medical Faculty has not yet been considered by Syndicate or Senate, as the other Faculties have, probably, not yet reported on the question of abolition of the Licentiate's Degree, referred to them by the last general meeting of the Senate, &c.

But as it is possible that objections may be made to the abolition of this so called Degree, in the Faculties generally, I am desirous of recording my views on the subject in regard to Medicine.

It is not usual for Universities to give a qualification to practise Medicine such as is implied in the Licentiate's Diploma; but there is precedent for it, and taking into consideration the peculiar nature of the circumstances of the country, the state of education of the class of persons who are likely to seek degrees, and the absence of any other corporation capable of granting Medical qualifications, I am not opposed to the University granting such a license, at all events as a temporary measure, and with a clear distinction made between a License and a Bachelor's Degree. I assume that it is considered that there is no other corporate body qualified to grant Licenses or Diplomas in Medicine, but I fail to see why the Medical College which has so long educated, examined, and licensed thoroughly good Medical practitioners, should now be considered unfit for a duty which has hitherto been performed with so much success as to make it tolerably evident that, as an educational experiment, Medicine has been probably more successful in India than any other branch of knowledge.

The general improvement in education, the higher appreciation of Medicine, and the large group of sciences which is included under that one very comprehensive head, and the progress of learning, rendered it necessary, no doubt, that a University should be established for the purpose of testing knowledge, and conferring Academic Degrees: and in such an institution it was natural, if what I have just stated with regard to it be true, that Medicine should take a prominent place —a Medical Faculty was, no doubt, an important element in the new University Senate; degrees in Medicine naturally followed, and it was to be expected that, as in other Universities in Europe, the same degrees as are there in use would be adopted. To this I should be a most willing subscriber, and this indeed is what I wish to see put in practice.

But it is no part of such a scheme, nor is it the exclusive duty of Universities in Britain to give qualification to all Medical practitioners. The majority of such in England, Scotland and Ireland, are not connected in any way with the Universities of these countries, but are simply Licentiates, Members, or Fellows of such Medical corporations as the Colleges of Physicians, Surgeons, or Society of Apothecaries. They are not essentially Bachelors or Doctors of Medicine;—the two grades in the Profession to which the designation graduate is applied.

Now, if it be urged that here in India these institutions have no equivalent or representative, and that therefore it behoves the University to take upon itself the function of testing the fitness of the ordinary Medical Practitioners;—I would reply, that the Medical College may be very fairly considered as such, but if that be disputed, then I have no objection to the University conferring a License to practice on properly qualified persons, provided a careful distinction be made between this qualification and a Bachelor's or Doctor's Degree.

There are many students who would qualify for each class, and I would, under certain restrictions, taking for guide the practice of other Universities, make the higher degree of Bachelor and Doctor obtainable by these Licentiates, of course at a later period and under different conditions to those imposed on men who have followed from the beginning a regular University curriculum of academic study. I would therefore make the proposition that, if the Licentiate Degree must be retained, a certain course of study should be prescribed;—one that should ensure thoroughly good Medical practitioners to the public, but yet differing somewhat from that laid down for the M. B. and M. D.

I would here very clearly state my opinion that a Medical man may be thoroughly fitted for the practical duties of his profession and all its emergencies, without having attained so high a standard of culture as to fit him for the honor of a Medical Degree,—by a Medical Degree I mean that of Bachelor or Doctor of Physic (not Licentiate).

With reference further to the nature of the proposed plan of education for such Licentiates, I should recommend it to be very nearly the same as that now existing, but details should be considered, and carefully laid down by the Medical Faculty. The principle is all I advocate here.

I submit these remarks to the Medical Faculty;—not that I dissent from the opinion expressed by the majority at the last meeting, but because I see that difficulties and objections are likely to occur in the proposed abolition of the Licentiate Degree, and that we may, in the event of this proving to be the case, be prepared with a scheme which will effect our purpose and be consistent with the ordinary principles on which Medical qualifications and Degrees are given.

I would add, that it is further desirable that some conclusion and decision should be come to early, as at present the position of Medical graduates is a very uncertain and unsatisfactory one; and that it is a source of considerable anxiety and doubt to the whole number of Medical undergraduates.

The question, as far as Medicine is concerned, is easily settled, and I am anxious that delay should not appear to be caused by difficulties raised in our Faculty.

The question of the education of graduates, (*i. e.* Bachelors and Doctors), I mean the general principles, were very satisfactorily laid down at our last meeting. It is only that of the Licentiates, if such must be, that has to be dealt with, and in anticipation of such a decision on the part of the University, and to expedite matters, I submit the present remarks, and would further suggest that we have meetings of the Faculty to decide on the details of the Licentiate's education, and also the details of that of the Bachelors and Doctors, the general principles of which we have already considered and reported on.

J. FAYRER, M. D.
President, Medical Faculty.

24th December, 1863.

Appendix to the foregoing.

General outline of the qualifications required in the Licentiate in Medicine and Surgery arranged according to the Principles laid down in the preceding minute :—

Licentiate in Medicine and Surgery.

5 years' professional study.

To have passed Entrance Examination of the University.

To pass two professional examinations.

To be 21 years of age complete.

The Examinations to be conducted at the following times :—

1st Examination after completion of 3rd year.

2nd Ditto ditto ditto 5th ditto.

First Examination.

Descriptive and Surgical Anatomy.

General Anatomy and Physiology.

Chemistry.

Botany.

Materia Medica.

Practical Anatomy.

„ Chemistry.

„ Pharmacy.

Second Examination

Medicine.

Surgery.

Midwifery.

Medical Jurisprudence.

Practical Medicine.

„ Surgery,

„ Toxicology.

The students and graduates of the Lahore and Agra Medical Colleges should be, under certain conditions, admissible to the License.

Licentiates of Medicine and Surgery may be admitted to the Degree of M. B. on certain conditions :—

Passing the Literary Examina wittionh certain additions,

or M. D. after 35 years as in recommendation made at last meeting.

A standard somewhat below that for Bachelors to be required for the Licentiate.

Qualified members of the Vernacular classes may be admitted to the University Licenses on the following terms:—

After passing the Entrance Examination.

Additional Medical study to be laid down subsequently.

RESOLVED:—

That the Faculty generally approve of the principles advocated by the President in the foregoing minute and its appendix; but that the further consideration be adjourned until the Senate has expressed its opinion on the question of abolishing the Degree of Licentiate in Medicine and Surgery.

H. SCOTT SMITH,
Registrar.

(Confirmed)
J. FAYRER, M. D.
President.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 8.

The 7th January.

Present:—

THE HON'BLE THE VICE-CHANCELLOR.
CAPT. WILLIAMS.
MR. ATKINSON, M. A.
MR. BEAUFORT.
MR. FAYRER, M. D.

79. Read a letter from Dr. Fayrer, suggesting that copies of the University Calendar should be supplied to the following Universities and Royal Colleges:—

Universities:—Cambridge, Oxford, London, Dublin, Edinburgh, St. Andrew, Glasgow, Royal Colleges of Physicians and of Surgeons at London, Dublin and Edinburgh.

RESOLVED:—

That Dr. Fayrer's suggestion be approved, and that the Calendar in each case be sent to the Regius Professor of Medicine and Surgery.

80. Read a letter from Dr. Partridge acknowledging the vote of thanks of the Syndicate for printing Medical Examination papers, and stating that the expense incurred had been merely nominal.

81. Read a letter from Mr. Marshman, to the address of Mr. George Smith of Serampore, stating that Mr. Smith had promised the completion of the 2nd part of the History of India by October, 1864; observing that haste in preparing the work will greatly impair its value, and requesting that he may be allowed an extension of time to May, 1865, failing which, he declines the further prosecution of the work.

RESOLVED :—

That Mr. Marshman be informed that the new text book in History for the B. A. Examination is not immediately required, and that the Syndicate are therefore willing to postpone the selection of such a work until May, 1865, which will enable Mr. Marshman to submit a copy of the 2nd part of his History for their consideration. That at the same time, Mr. Marshman's attention be drawn to their former resolutions on this subject (Minutes Vol. IV. page 117 and Vol. VI. page 100) in order that he may clearly understand that the Syndicate have not bound themselves or their successors to adopt his History when published.

82. Read the following report of the Board of Examiners on the result of the First Examination in Arts.

SIR,—We have the honor to forward for the approval of the Vice-Chancellor and Syndicate the result of the First Examination in Arts.

Two hundred and seventy-two Candidates presented themselves for Examination, of whom 17 passed in the First Division and 132 in the Second Division, 2 were absent and 121 failed. The names of the successful Candidates are appended.

The Examination has been conducted in accordance with the rules laid down for our guidance in your letter of appointment.

In our letter of appointment we were told that we were authorised to pass a Candidate in the event of his failing by a small number of marks in one subject only, provided the subject

was not English. We have admitted the following class of failed Candidates under this exception.

Those who have failed by not more than five marks in one subject, provided they have obtained a sufficient number of marks in the aggregate of all subjects, to enable them to attain the minimum mark, in the subject in which they had failed, by an allowance of one mark for every ten marks which they had gained above the aggregate minimum mark in all subjects.

We have the honor to be,

Sir,

Your most obedient Servants,

EDWARD B. COWELL,

President.

J. RICHARDS,
W. C. FYFE,
K. M. BANERJEE,
J. WENGER,
H. BLOCHMANN,
W. GRAPEL,
W. L. HEELY,
J. SUTCLIFFE,
K. S. MACDONALD,
J. SANDERS,
J. OGILVIE,
} *Examiners in Arts.*

ORDERED :—

That the report be confirmed and the result published in the Gazette.

83. Read the following report of the Board of Examiners on the result of the Entrance Examination.

SIR,—We have the honor to forward for the approval of the Vice-Chancellor and Syndicate the result of the Entrance Examination.

2. One thousand three hundred and seven Candidates presented themselves for Examination, of whom 169 passed in the First Division, 521 in the Second Division, 44 were absent

and 573 failed. The names of the successful Candidates are appended.

3. The Examination has been conducted in accordance with the rules laid down for our guidance in your letter of appointment.

4. The Principal of the Berhampore College detected during the Examination, one of the Candidates with some leaves taken from a manuscript paraphrase of parts of the text book in Bengali. Two of the passages selected for Examination were paraphrased in these leaves. From this, and other suspicious circumstances, the Principal seems to think that some of the Candidates had possession of the paper in Bengali before the Examination. We have carefully examined the evidence adduced by the Principal on this subject, together with reports on the same subject from Mr. Woodrow and the Rev. K. M. Banerjee. The circumstances mentioned are certainly of a suspicious character, still we are of opinion that the evidence is not sufficient to warrant the conclusion that the papers must have been seen by the Candidates before Examination. The papers on this subject are annexed.

We have the honor to be,

Sir,

Your most obedient servants,

EDWARD B. COWELL,

President.

W. JOHNSON,
G. BELLETT,
KAJKRISHTO BANERJEE,
LALL BEHARY DE,
H. BLOCHMANN,
K. M. BANERJEE,
E. STORROW,
P. HORDERN,
W. SAMPSON,
H. SCOTT SMITH.

} *Examiners in Arts.*

ORDERED :—

That the report be confirmed, and the result published in the Gazette.

84. Read a report by the Registrar on the printing of the Examination papers and the assistance he had received from Mr. Cutter, the Superintendent of the Military Orphan Press and his head assistant, both of whom, in order to secure the secrecy of the papers, had worked for twelve days out of their regular office hours and had performed work which would otherwise have devolved on their subordinates.

RESOLVED :—

That the thanks of the Syndicate and a donation of Rupees 100 be given to Mr. Cutter, and a donation of Rupees 50 be given to his head assistant.

85. Read the reports of the Faculties of Law, Medicine and Engineering on the question of abolishing the degree of Licentiate (see Minutes, Vol. VII. paras. 62, 63, and 73).

RESOLVED :—

That, in the opinion of the Syndicate, the University degrees should be reconstituted on the following general principles :—

(1) The Licentiate degree to be abolished.

(2) The University to grant Licences on the same general qualifications as are required for the Licentiate degrees.

(3) The Degree of Bachelor to be constituted in all the Faculties.

2. That the foregoing general principles be forwarded for the consideration of the Professional Faculties and if approved of, that the Faculties be requested to prepare a code of amended Regulations for submission to the Senate in lieu of the general principles brought up for consideration, at the meeting of the Senate on 15th August 1863.

3. That the following amended Regulations of the Faculty of Arts, as approved by the Senate be forwarded for the sanction of His Excellency the Governor-General in Council.

ARTS.

ENTRANCE EXAMINATION.

1. The Entrance Examination shall commence annually on the first Monday in December, and shall be held in Calcutta and in such other places* as shall from time to time be appointed by the Syndicate.

2. Any person, wherever he shall have been educated, may be admitted to the Entrance Examination, if he be above the age of sixteen years and not otherwise.

3. Every candidate for admission to the Entrance Examination shall send his application, with a certificate in the form entered in Appendix A. either to the Registrar or to a local officer recognised by the Syndicate. Every such application must reach the office of the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of five rupees shall be payable by each candidate No candidate shall be admitted unless he shall have paid this fee to the Registrar or to a local officer recognised by the Syndicate. A candidate who fails to pass or to present himself for the Examination, shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Entrance Examinations on payment of a like fee of five Rupees on each occasion.

5. The Entrance Examination shall be conducted by means of printed papers, the same papers being used at every place at which the Examination is held.

* The following places have already been appointed:—
Hooghly, Berhampore, Kishnaghur, Dacca, Chittagong, Gowhatty, Sylhet, Cuttack, Bhagulpore, Patna, Bancoorah, Benares, Agra, Delhi, Bareilly, Ajmere, Lahore, Saugor, Lucknow, Colombo, Kandy.

6. At the Entrance Examination, every candidate shall be examined in the following subjects:—

I.—LANGUAGES.

English; and one of the following languages.

Greek.	Bengali.
Latin.	Oorya.
Arabic.	Hindi.
Persian.	Urdu.
Hebrew.	Burmese.
Sanscrit.	Armenian.

Any other language may be added to this list by the Syndicate.

Sentences in each language in which the candidate is examined shall be given for translation into the other language.

The papers in each language shall include questions on Grammar and Idiom.

II.—HISTORY.

The outlines of Ancient History, of the History of India, and of General Geography with a more detailed knowledge of the Geography of India.

The Historical text-books will be fixed from time to time by the Syndicate.

III.—MATHEMATICS.

Arithmetic.

The four Simple Rules; Vulgar and Decimal Fractions; Reduction; Practice; Proportion; Simple Interest; Extraction of Square Root.

Algebra.

The four Simple Rules; Proportion; Simple Equations; Extraction of Square Root; Greatest Common Measure; Least Common Multiple.

Geometry.

The first four books of Euclid, with easy deductions.

7. On the morning of the fourth Monday after the Examination, the Syndicate shall publish a list of the candidates who

have passed, arranged in two Divisions, each in alphabetical order. Every successful candidate shall receive a certificate in the form entered in Appendix A.

II. FIRST EXAMINATION IN ARTS.

1. The first Examination in Arts shall commence annually on the first Monday in December; and shall be held in Calcutta, and in such other places* as shall from time to time be appointed by the Syndicate.

2. Any under-graduate of the University may be admitted to this Examination, provided he has prosecuted a regular course of study in any affiliated institution for not less than two academical years after passing the Entrance Examination.†

3. Every candidate for admission shall send his application, with a certificate in the form entered in Appendix A. either to the Registrar or to a local officer recognised by the Syndicate. Every such application must reach the office of the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of ten Rupees shall be payable by each candidate. No candidate shall be admitted unless he shall have paid this fee to the Registrar or to the local officer recognised by the Syndicate. A candidate who fails to pass or to present himself for Examination, shall not be entitled to claim a refund of the fee. A candidate may be admitted to any one or more subsequent First Examinations in Arts, on payment of a like fee of ten Rupees on each occasion.

5. The First Examination in Arts shall be conducted by means of printed papers, the same papers being used at every place at which the Examination is held.

* The following places have already been appointed:—
Hooghly, Berhampore, Kishnaghur, Dacca, Patna, Benares, Agra, Delhi, Bareilly, Ajmere, Lahore, Colombo, Saugor.

† The Syndicate have power to make exceptions to this rule in favor of Deputy Inspectors of Schools and Schoolmasters.

6. At the First Examination in Arts, every candidate shall be examined in the following subjects:—

I.—LANGUAGES.*

English; and one of the following languages:—

Greek.	Hebrew.
Latin.	Arabic.
Sanskrit.	

Any other classical language may be added to this list by the Syndicate. Sentences in each language in which the candidate is examined, shall be given for translation into the other language.

The papers in each language shall include questions on Grammar and Idiom.

II.—HISTORY.

The History of England.

The text-book will be fixed from time to time by the Syndicate.

The Historical questions shall include questions relating to the geography of the countries to which they refer.

III.—MATHEMATICS—PURE AND MIXED.

Arithmetic.

Algebra.

(The following in addition to the subjects at Entrance.)

Quadratic Equations; Proportion and Variation; Permutations and Combinations; Arithmetical and Geometrical Progressions; the Binomial Theorem; Simple and Compound Interest; Discount; Annuities; the nature and use of Logarithms.

Geometry.

(The following in addition to the subjects at Entrance.)

The sixth book of Euclid; the eleventh book to Prop. XXI.; deductions.

Plane Trigonometry as far as the Solution of Triangles.

* The Examination in Languages will be such as to test a lower degree of competency than what is required for the B. A. Degree.

Mechanics.

Composition and Resolution of Forces; Equilibrium of Forces at a point in one plane; the Mechanical Powers; the Centre of Gravity.

IV.—MENTAL AND MORAL PHILOSOPHY.

Mental Philosophy as in Abercrombie on the Intellectual Powers.

Moral Philosophy as in Abercrombie on the Moral Feelings.

7. On the morning of the fourth Monday, after the Examination, the Syndicate shall publish a list of the candidates who have passed, arranged in two divisions, the first in order of merit, and the second in alphabetical order. Every candidate shall on passing receive a certificate in the form entered in Appendix A.

III. EXAMINATION FOR THE DEGREE OF B. A.

1. An Examination for the Degree of B. A. shall be held annually in Calcutta and shall commence in the first week in January.

2. Any under-graduate of the University may be admitted to this Examination provided he has prosecuted a regular course of study in any affiliated institution for not less than two academical years after passing the First Examination in Arts.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A. to the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty Rupees shall be payable by each candidate. No candidate shall be admitted unless he shall have paid this fee to the Registrar. A candidate who fails to pass, or present himself for Examination, shall not be entitled to claim a refund of the fee. A candidate may be admitted to

one or more subsequent Examinations for the Degree of B. A. on payment of a like fee of twenty Rupees on each occasion.

5. The Examination for the Degree of B. A. shall be conducted by means of printed papers.

6. At the Examination for the Degree of B. A. every candidate shall be examined in the following subjects:—

I.—LANGUAGES.

English; and one of the following languages:—

Greek.	Hebrew.
Latin.	Arabic.
Sanscrit.	

Any other classical language may be added to this list by the Syndicate.

Passages in each of the languages in which a candidate is examined, shall be given for translation into the other language.

II.—HISTORY.

India during the Hindu, Mahomedan, and British periods, down to 1835. Greece, to the death of Alexander. Rome, to the death of Augustus. The Jews, to the destruction of Jerusalem.

The Historical text-books will be fixed from time to time by the Syndicate.

III.—MATHEMATICS—PURE AND MIXED.

Mechanics.

The General Laws of Motion; the motion of a falling body in free space and along an inclined plane.

Hydrostatics, Hydraulics, and Pneumatics.

Elementary propositions respecting the nature, transmission and intensity of fluid pressure; the condition of Equilibrium of floating bodies; nature and simple properties of elastic fluids, and the pressure produced by them; Specific gravity and the modes of determining it; the Barometer; Air-pump; Common-pump; Forcing-pump; Siphon; Diving-bell; Thermometer.

Astronomy.

Descriptive (as distinguished from Practical and Physical) Astronomy; the Solar System; Phenomena of Eclipses.

IV.—Mental and Moral Philosophy and the Elements of Logic.

The text-books will be named from time to time by the Syndicate.

V.—One of the following subjects to be selected by the candidate.

(*a.*) Mathematics—Pure and Mixed.

Geometry.

Conic Sections, treated geometrically.

Optics.

Laws of Reflection and Refraction; reflection at plane mirrors; reflection at spherical mirrors; and refraction through lenses, the incident pencils being direct; separation of Solar light into rays of different colours; description of Solar spectrum; Rainbow; description of the eye; the Astronomical Telescope; Galileo's Telescope; the Sextant.

(*b.*) Elements of Inorganic Chemistry and of Electricity.

Thermotics, Chemistry, Electricity.

Molecular constitution of matter; Boscovich's Theory; cohesion; porosity; specific gravity; elasticity; adhesion; crystallization. Thermotics;—sensible heat; expansion; the Thermometer and Pyrometer; radiation; conduction; convection; specific heat; physical states of matter and latent heat; theory of formation of dew and clouds; mechanical equivalent of heat; dynamic theory of heat. Chemistry:—laws of combining proportion; laws of Atomic Volumes; Atomic theory; chemical symbols and equivalents; Inorganic chemistry of the chief elements. Electricity;—polarity; induction; the Leyden Jar and Electrometer; conduction; the Lightning rod; the voltaic pile

and battery; the Thermo-electric pile; relations of chemistry, heat, and electricity.

(*c.*) Elements of Zoology and Comparative Physiology.

The text-book to be fixed by the Syndicate.

(*d.*) Geology and Physical Geography.

Geology.

Inorganic.—Form and density of the earth and average density of superficial crust; observed ratio of increase of temperature with depth; physical state of interior as indicated by astronomical observation; law modified by temperature and pressure; principal chemical elements and compounds in earth's crust; chemical operations of interior; chemical phenomena of volcanoes, hot springs and crystalline rocks; dynamical operations of interior; phenomena of earthquakes, volcanoes, upheaval, depression, dislocation, and contortion of crust; chemical and mechanical processes at surface; constitution of atmosphere; its changes and their influence on the solid crust; phenomena of atmospheric disintegration and degradation of rocks; transport by water, ice, &c.; river, glacier and iceberg phenomena; formation of sedimentary rocks and their chief varieties; consolidation and metamorphism.

Organic. Chemical constitution and structure of animals and plants; vital functions, and sources of vital action; Geographical and bathymetric distribution; conditions of life and interdependence of organized beings; chemico-geological processes of preservation, and formation of rock masses; coral reefs, limestone, coal, peat, &c.; metamorphism of organic rocks; comparative value of geological evidence of fossil remains; succession of life in past epochs; antiquity of existing animals and plants.

6. On the morning of the fourth Monday after the Examination, the Syndicate shall publish a list of the candidates who have passed, arranged in two Divisions, the first in order of merit, and the second in alphabetical order.

IV. EXAMINATION FOR HONORS IN ARTS.

1. Examinations for Honors in Arts shall be held annually in Calcutta commencing in the first week in March.

2. Any candidate who passes the B. A. Examination within four academical years from the date of his passing the Entrance Examination, may at the Honor Examination next ensuing, or at that of the following year, be examined for Honors in one or more of the following branches:—

(1) Languages.
(2) History.
(3) Mental and Moral Philosophy.
(4) Mathematics—pure and mixed.
(5) Natural and Physical Science.

3. Every candidate for Honors shall intimate to the Registrar the subject or subjects in which he desires to be examined. Such intimation must reach the office of the Registrar on or before the 31st day of January.

4. Honors in Languages shall be awarded in Latin, in Greek, in Sanscrit, in Arabic, in Hebrew, and also in English for candidates whose vernacular language is not English.

The subjects in languages shall be selected by the Syndicate two years before the Examination.

The Examination shall include translation into English from the language professed by the candidate, and into that language from English.

It shall also include written answers by the candidate in English to questions relating to the books selected for the Examination.

It shall also include questions on Comparative Grammar, with special reference to the language professed by the candidate.

Every candidate shall be required to write an Essay in English on a subject connected with the History or Literature of the language professed by him.

5. Candidates for Honors in History shall be examined in the following subjects :—

a. History of a stated period (in modern times,) including political and personal events, manners, and literature.

b. Constitutional History of England (as in Hallam).

c. History of Modern Civilization (as in Guizot).

d. Political Economy.

e. Taylor's Historical Evidence.

The Examination in History shall include such questions on Geography and Ethnography as the subjects suggest. The candidates shall be required to write an Essay in English on an historical subject.

6. Candidates for Honors in Mathematics shall be examined in the following subjects :—

Algebra, including the Theory of Equations.

Analytical Geometry (Plane and Solid).

Differential and Integral Calculus.

Spherical Trigonometry.

Statics.

Dynamics.

Hydrostatics, Hydraulics, and Pneumatics.

Optics.

Astronomy.

7. Candidates for Honors in Natural and Physical Science shall be examined in the following subjects :—

Chemistry (Organic and Inorganic) Electricity.

Also one of the following :

a. Botany, Zoology, and Comparative Physiology.

b. Geology, Mineralogy and Physical Geography.

8. Candidates for Honors in Mental and Moral Philosophy shall be examined in the following subjects :—

Logic.

Mental Philosophy.

Moral Philosophy.

Natural Theology.

Also in one of the following subjects to be selected by the candidate.

a. History of Philosophy.

b. Elements of Jurisprudence.

d. Evidences of Revealed Religion (as in Butler's Analogy and Paley's Evidences).

9. As soon as possible after each Examination for Honors, the Syndicate shall publish a list of the candidates who have passed, arranged in three divisions, each in the order of merit. Candidates shall be bracketed together, unless the Examiners are of opinion that there is clearly a difference in their merits.

10. The candidate who shall be placed first in the first division in each branch shall receive a Gold Medal, and a prize of books to the value of one hundred Rupees, and the second student of the first class in each branch shall receive a Silver Medal, and a prize of books to the value of one hundred Rupees.

V. EXAMINATION FOR THE DEGREE OF M. A.

1. Every Bachelor of Arts who has obtained Honors in Arts shall be entitled to the Degree of Master of Arts without further Examination or fee.

2. Any Bachelor of Arts may on sending to the Registrar (on or before the first of February), an application pecifying the branch in which he desires to be examined) with a certificate of having passed the Examination for the Degree of B. A. and on payment of a fee of 50 Rupees, be admitted to the Honor Examination in any branch in view to obtaining the Degree of M. A.

3. If a candidate fail to pass the Examination, the fee shall not be returned to him. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of fifty Rupees on each occasion.

4. As soon as possible after the Examination, the Syndicate shall pubish a list of the successful candidates arranged

in alphabetical order. Each successful candidate shall receive with his Degree of M. A. a certificate setting forth the branch in which he was examined.

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86. Read a letter from the Secretary to the Government of India, Financial Department, conveying the sanction of Government to an increase in the salaries of the clerks in the Registrar's office.

87. Read a letter from Mr. Cowell, suggesting the appointment of a Sub-Committee to select subjects of Examination for M. A. and Honors in Sanscrit, in anticipation of the sanction of Government to the revised regulations in Arts. Also the following letter, with enclosure, from the Director of Public Instruction to the address of the Registrar of the University.

SIR,

I have the honor to request that you will submit to the Syndicate, for consideration at their next meeting, the accompanying papers* relating to the standard to be fixed for Sanskrit in the several public examinations.

* Copy of Office Memo. by Director of Public Instruction, dated 29th August.
Copy of Committee's report, dated 26th November.

2. With reference to the 2nd paragraph of the Committee's report I beg to state that the Rev. Mr. Fyfe has recently informed me that he is prepared to introduce the study of Sanskrit into the School Department of the Free Church Institution to the extent recommended by the majority of the Committee.

I have the honor to be,

SIR,

Your most obedient servant,

W. S. ATKINSON,

Director of Public Instruction.

MEMORANDUM.

Dated Fort William, the 29th August, 1863.

The gentlemen whose names are noted in the margin* are appointed a Committee to consider and report on the extent to which it is expedient to introduce the study of Sanskrit in the Collegiate and Zillah Schools with reference to prospective changes in the course laid down by the University for the several Examinations in Arts. Mr. Woodrow will act as President of the Committee, and will arrange the place and time of meeting in communication with his colleagues.

Mr. H. Woodrow.
Mr. E. B. Cowell.
Pundit Eshwar Chunder Bidyasagor.

(Sd.) W. S. ATKINSON,
Director of Public Instruction.

No. 1749.

To

THE DIRECTOR OF PUBLIC INSTRUCTION.

Calcutta, dated 26th November, 1863.

SIR,

In pursuance of the request conveyed in your letter No. 3039, dated 29th August, 1863, the Committee appointed to consider and report on the extent to which it is expedient to introduce the study of Sanskrit in the Collegiate and Zillah Schools with reference to prospective changes in the course laid down by the University for the several Examinations in Arts, beg to submit for your consideration the routine contained in the accompanying statement. Since it was impossible for the Committee to tell what may be the prospective changes in the course laid down by the University, the members limited themselves to the consideration of a course which could be worked in Collegiate and Zillah Schools. It would have greatly facilitated their deliberations, had the University already determined on a standard for the First Arts and B. A. Exami-

nations. In the absence of this, they had to consider what standard of Sanskrit they would themselves prescribe for the B. A. Examination, and from this to deduce what knowlege of the language ought to be attained previous to the Entrance Examination. Pundit Ishwar Chunder Bidyasagur was of opinion that any thing less than a nine years' course of Sanskrit, allowing on the average an hour a day in School for the whole time, would be useless and not worth having at all. Mr. Cowell, without admitting that a shorter course was useless, supported the Pundit's recommendation. Mr. Woodrow thought that in no country could a classical language of great difficulty be substituted for the mother-tongue of the people, without causing a great increase of labour both in School and out of School to the students, and that if too much time and attention were given to Sanskrit, the study of western literature and science would suffer injuriously, and that a Sanskrit standard for B. A. of the same degree of difficulty as in the India Civil Service Examination would be sufficiently high. This standard being pronounced far too low for any useful purpose, the nine years' course recommended by the majority was adopted, and in consequence a five years' course in Sanskrit was fixed for Zillah and Collegiate Schools. This five years' course will be divided in Government Schools into four years for study and the last year for review.

2. The Committee having ascertained the opinion of the Rev. Dr. Mullens and others, find that the managers of several large institutions such as the Free Church Institution, General Assembly, and London Missionary Institution, &c., will not introduce into their Schools a five years' course of Sanskrit, in fact that they will not prepare their pupils in Sanskrit* at all previous to the Entrance Examination. In that case candidates from these Schools would be unsuccessful in the higher examinations of the University, if the standards laid down in

* Mr. Woodrow also consulted Baboo Bhoodeb Mookerjee, and he also was opposed to a five years' Sanskrit course for Schools.

Sanskrit for the First Arts and B. A. Examinations should involve a seven and nine years' course respectively.

3. Mr. Cowell was of opinion that this difficulty could be met by the University laying down two standards of Sanskrit in each of the First Arts and B. A. Examinations, the higher standard for those who took up Sanskrit at Entrance; and the lower for those who took up at Entrance some second language other than Sanskrit.

4. In theory it is fair that those who have taken up three languages should in the third language have a lower standard than those who have taken up two languages only. Pundit Ishwar Chunder Bidyasagur observed that though this was true in the case where Latin or Greek was the second language at Entrance, and Sanskrit the subsequent language, it did not apply to the Vernacular languages and certainly not to Bengali, and that a knowledge of Sanskrit at Entrance was attended as a necessary consequence with a better knowledge of Bengali than was possessed by those who took up Bengali only.

We have, &c.,

(Sd.) H. WOODROW.
„ ISHWAR CHUNDER SURMA.
„ E. B. COWELL.

COURSE FOR SCHOOLS.

Upakramanika.

Rijupatha, Parts I. II. and III. as far as the Hitopadesh and Mahabharat.

Translation from Sanskrit and Vernacular languages into English and *vice-versâ*.

COURSE FOR COLLEGE.

1st and 2nd years.

Kaumudi, Parts I. and II.

Raghuvansa, Books I. II. V. VI. VII. VIII. XIII. and XIV.

Venisanhara, Act II. excepted.

Translations, as before, and composition in the Vernacular language of the student.

3rd and 4th years.

Kaumudi, Parts III. and IV.

Kiraturjunya, Books I. II. III. and IV.

Sisupalabadha, Books XIII. XIV. XV. and XVI.

Utturachorita.

Translations as before and composition in the Vernacular language of the student.

(True copies.)

W. S. ATKINSON,

Director of Public Instruction.

RESOLVED :—

That Mr. Cowell's suggestion be approved and that a Sub-Committee, consisting of the following gentlemen, be appointed to select subjects of Examination for M. A. and Honors in Sanscrit and to recommend standards in Sanscrit for the First Arts and B. A. Examinations.

Mr. Cowell.

Mr. Banerjee.

Pundit Ishwar Chunder Vidyashagur.

2. That the foregoing letter with its enclosure, be forwarded for the information of the Sub-Committee.

3. That the Sub-Committee be requested to send their report to the Faculty of Arts.

88. The Registrar reported that candidates had applied to be examined for Honors in Mathematics, History, Mental and Moral Science, Natural History and Physical Science and requested the appointment, as was done last year, of an Honorary Examiner in each subject to assist the B. A. Pass Examiners, whose duty it was to conduct these Examinations.

RESOLVED :—

That the appointment of Honorary Examiners be discontinued, and that the Examiners for the Pass Examination be directed to conduct the Honor Examination, receiving each an extra fee of Rs. 50 for the duty.

89. The following bills for contingencies were passed.

To Fort William College Press for printing Urdu Course, ... Rs.	406	4	0
„ Commissioner of Police for services of four European Constables, ...	128	0	0
„ Government Post Office for registering letters,	45	8	0
„ „ Electric Telegraph Office, ...	8	5	0
„ Expenses incurred during the Entrance Examination at Calcutta,.....	319	1	0
„ „ at Hooghly, ...	137	7	9
„ „ at Berhampore,.....	78	7	6
„ „ at Dacca, ...	90	1	0
„ „ at Bancoorah, ...	17	0	0
„ Messrs. F. W. Browne for hire of chairs,.....	84	7	0
„ S. B. Press for printing list of candidates, ...	124	0	0
„ Messrs. Mackenzie, Lyall and Co. for 4 yards of green printed table cloth for Meeting table,	24	0	0
„ Messrs. Harman & Co. for 5 gowns for Members, ...	450	0	0
„ „ for safe custody of gowns for 1863,	50	0	0
„ Remuneration to Mr. Cutter and his head assistant for printing Examination papers, ...	150	0	0
„ Expenses incurred during the B. A. and B. L. Examination, ...	37	0	0
Total Rupees,	2,149	9	3

H. SCOTT SMITH,
Registrar.

(Confirmed,)
HENRY S. MAINE,
Vice-Chancellor.

FIRST EXAMINATION IN ARTS, 1863.

Comparative Table, shewing the number of Candidates sent forward from each School or College, the number passed, and the number failing to obtain the minimum marks allotted to each separate subject.

Names of Institutions.	No. of Candidates.	Passed		Failed in					No. absent.
		1st Division.	2nd Division.	English.	2nd Language.	History.	Mathematics.	Mental & Moral Science	
Agra College, ...	2	1	1	0	0	0	0	0	0
Benares College, ...	2	1	1	0	0	0	0	0	0
Berhampore College, ...	17	1	8	8	0	2	5	1	0
Civil Engineering College, ..	2	0	1	1	0	0	0	0	0
Dacca College, ...	31	1	10	2	0	7	7	13	1
Doveton College, ...	5	0	5	0	0	0	0	0	0
Free Church Institution, ..	38	3	20	12	6	8	4	10	0
Hooghly College, ...	24	0	15	5	1	5	7	5	0
Kishnaghur College, ...	18	1	9	6	1	5	6	8	0
London Missionary Society's Instn , .	1	0	0	1	0	1	1	0	0
Medical College, ...	4	0	2	1	0	0	1	1	0
Presidency College, ...	87	8	42	16	5	10	24	13	0
Private Student, ...	10	0	2	7	1	4	4	2	0
Queen's College, Colombo, ..	1	0	1	0	0	0	0	0	0
Sanscrit College, ...	7	0	4	3	0	0	3	1	0
School-Master, ...	17	1	7	5	1	3	5	4	1
Serampore College, ...	2	0	1	1	0	1	0	0	0
St. John's College, Agra, ..	3	0	3	0	0	0	0	0	0
St. Paul's School, ...	1	0	0	0	0	0	0	1	0
Total, ..	272	17	132	68	15	46	67	59	2

ENTRANCE EXAMINATION, 1863.

Comparative Table showing the number of Candidates sent forward from each School or College, the number passed, and the number failing to obtain the minimum marks allotted to each separate subject.

Names of Institutions.	Total number of Candidates.	Passed in the		Failed in				
		1st Division.	2nd Division.	English.	2nd Language.	History.	Mathematics.	Absent.
Agra College, ...	5	4	1	0	0	0	0	0
Ajmere School, ...	5	5	0	0	0	0	0	0
Alipore School, ...	5	0	2	3	1	0	1	0
Ampta Aided School, ...	4	0	3	1	0	0	1	0
Andool School, ...	1	0	0	1	0	0	0	0
Arrah School, ...	4	0	0	4	3	1	4	0
Asiatic Training Institution, ..	9	0	1	8	7	0	5	0
Bagnapara Aided School, ...	3	0	1	1	0	2	1	0
Baleshur School, ...	3	1	2	0	0	0	0	0
Bally Seminary, ...	4	0	0	4	3	2	3	0
Bancoorah School, ...	18	4	10	3	1	1	2	0
Banglabazar School, ...	7	0	4	3	0	1	3	0
Baraset School, ...	7	1	4	2	0	0	0	0
Bareilly College, ...	7	4	2	1	0	0	0	0
Barrackpore School, ...	13	1	6	5	3	0	3	1
Barripore Aided School, ...	7	0	2	5	1	0	4	0
Bansbaria Free Church Institution, ...	6	0	2	3	1	0	1	1
Beauleah School, ...	14	1	9	3	1	1	3	1
Beerbhoom School, ...	13	1	5	5	1	0	1	2
Benares College, ...	6	2	3	1	0	0	1	0
Bengal Academy, ...	3	0	2	1	1	0	1	0
Bengalitollah Preparatory School, ...	7	0	3	4	2	0	2	0
Berhampore Collegiate School, ..	38	3	14	19	7	11	10	0
Bhagulpore School, ...	9	2	3	3	2	0	4	0
Bogra School, ...	4	0	0	3	1	0	1	0
Bora Aided School, ...	2	0	2	0	0	0	0	0
Boroe Aided School, ...	5	1	2	2	0	0	1	0
Bullagur Aided School, ...	2	0	0	2	0	0	0	0
Bullutee Aided School, ...	4	0	0	4	0	1	2	0
Burdwan C. M. S. Institution, ..	5	0	3	1	2	0	2	0
Burrisaul School, ...	23	6	12	4	1	0	1	0
Carried forward, .	243	36	98	96	38	20	57	5

Names of Institutions.	Total number of Candidates.	Passed in the 1st Division.	Passed in the 2nd Division.	Passed in English.	Passed in 2nd Language.	Passed in History.	Passed in Mathematics	Absent.
Brought forward, ..	243	36	98	96	38	20	57	5
Calcutta College, ..	12	0	10	2	2	0	0	0
Calcutta Free Church Institution, ..	56	4	25	26	9	3	12	1
Calcutta Hindu Institution, ...	3	0	0	3	1	-	3	0
Calcutta Model School, ..	3	0	0	3	2	0	1	0
Calcutta Mudrissa, ...	9	1	6	1	1	0	0	1
Calcutta Training Academy, ...	23	2	14	5	3	1	3	0
Calcutta Training School, .	18	2	8	7	4	3	5	1
Chinsurah Free Church Institution,	29	2	11	14	6	5	7	0
Chinsurah Hindu School, ...	4	0	0	3	4	2	4	0
Chittagong School, ...	10	3	3	3	0	0	1	1
Civil Engineering College, .	6	1	4	1		0	0	0
Colingah Branch School, ...	6	0	1	4	2	0	0	1
Colootollah Branch School, ..	61	20	23	14	6	1	4	0
Commillah School, ...	19	0	6	10	1	1	5	0
Comercolly School, ...	8	1	2	4	2	1	4	0
Cossipore Aided School, ..	10	0	2	7	5	1	0	1
Culna Free Church Branch School,	1	0	0	1	0	0	0	0
Cuttack School, ...	7	1	2	3	2	1	0	0
Cutwa School, ...	2	0	2	0	0	0	0	0
Dacca Collegiate School, ..	31	6	12	8	2	1	6	1
Dassora Anglo-Vernacular School, ..	1	0	1	0	0	0	0	0
Delhi School, ...	7	2	3	2	0	0	0	0
Doveton College, ...	21	5	11	3	2	1	3	1
Furreedpore School, ...	7	2	2	2	0	0	0	1
Garden Reach School, ...	5	0	3	2	1	0	2	0
General Assembly's Institution, ...	11	1	5	3	4	0	3	0
Goburdangah School, ...	3	0	2	1	0	0	0	0
Gopeenathpore Aided School, ..	2	0	1	0	1	0	1	0
Gowhatty School, ...	7	1	1	5	0	0	1	0
Gya School, ...	3	1	1	1	1	0	0	0
Hallishur School, ...	10	0	2	7	1	2	6	0
Hindu School, ...	53	6	2	21	6	3	12	1
Howrah School, ...	19	4	8	3	4	0	6	0
Hooghly Branch School, ..	15	4	7	3	1	1	1	1
Hooghly Collegiate School, ..	46	7	15	23	9	3	2	0
Ilsoba Mondly Aided School, ..	7	1	4	0	0	0	0	2
Jahanabad School, ...	4	0	3	1	1	0	0	0
Jajoor Aided School, ...	1	0	0	1	0	0	0	0
Jessore School, ...	19	0	6	10	8	5	6	1
Carried forward, ...	802	113	321	303	100	56	155	19

Names of Institutions.	Total number of Candidates.	Passed in the		Failed in				Absent.
		1st Division.	2nd Division.	English.	2nd Language	History.	Mathematics.	
Brought forward,	802	113	324	303	100	56	155	19
Jerat School, ..	3	0	1	2	1	0	2	0
Jonye Training School, ..	5	0	3	1	0	0	0	1
Joynarain's College,	3	1	2	0	0	0	0	0
Jugguthbulubpore Aided School, .	2	0	1	1	0	0	0	0
Jullunder Mission School,	4	1	1	2	0	1	1	0
Kallyghat Hindu Academy, ..	4	0	2	2	1	1	1	0
Kallypara Aided School, ..	8	1	3	4	1	0	2	0
Konnugur Seminary, ...	13	1	3	9	2	0	3	0
Kandee School, ...	4	1	1	2	0	0	0	0
Khanakool Kishnaghur Anglo-Sanscrit School, . ..	8	0	2	6	0	0	2	0
Khajah Abdool Gunny's School, ..	6	0	3	2	0	0	1	0
KishnaghurAnglo-VernacularSchool,	5	1	2	2	0	1	0	0
Kishnaghur Collegiate School,	24	6	6	10	0	1	5	0
Kishnaghur Mission School,	4	1	3	0	0	0	0	0
L. M. S. Institution, Bhowanipore,	17	3	7	6	1	0	3	1
La Martirere College, .. .	3	0	2	1	0	0	1	0
Lahore Mission School, ..	8	2	4	1	0	0	0	1
Lahore School, .	6	2	3	1	0	0	0	0
Mayapore Aided School, ..	4	0	1	3	1	3	2	0
Medical College, ...	3	0	2	1	0	0	1	0
Midnapore School, ...	9	0	2	6	0	2	0	1
Mohanad Mission School,	1	0	0	1	0	0	0	0
Maharaja's School, Burdwan,	12	1	8	3	0	0	1	0
Monghyr School, ...	1	0	1	0	0	0	0	0
Mozufferpore School, ...	7	1	2	1	1	0	1	3
Mymensing School, ...	15	3	6	4	1	0	1	0
Nizamut School, ...	5	0	2	2	0	0	0	0
Noakhally School, ...	4	0	1	2	2	0	1	1
Noral Aided School, ...	10	0	2	8	0	0	1	0
Oriental Seminary, ...	15	1	11	3	2	1	2	0
Ootterparah School, ...	15	4	5	5	1	1	4	0
Paikparah School, ...	9	0	0	8	6	2	7	1
Patna Collegiate School,	9	5	1	2	0	0	1	0
Pogose School, ...	31	1	18	10	3	0	4	1
Pooree School, ...	1	0	1	0	0	0	0	0
Private Student, ...	32	0	10	17	6	6	8	4
Pubna School, ...	6	1	0	5	2	1	3	0
Purneah School, ...	2	0	1	1	0	0	1	0
Carried forward, .	1120	150	447	137	131	76	214	33

Names of Institutions.	Total number of Candidates.	Passed in the		Failed in				
		1st Division.	2nd Division.	English.	2nd Language	History.	Mathematics.	Absent.
Brought forward, .	1120	150	447	437	131	76	214	33
Puruleah School, ...	4	0	1	2	2	1	3	0
Queen's College, Colombo, ..	14	2	9	3	2	2	1	0
Ramkristopore Training School, ...	1	0	1	0	0	0	0	0
Ranaghat School, ...	1	0	1	0	0	0	0	0
Rowile Aided School, ...	4	0	1	3	1	1	2	0
Sulkea School, ...	7	1	1	3	2	1	3	0
Sanscrit College, ...	10	1	6	2	0	0	0	1
Saugor School, ...	2	0	1	1	0	0	0	0
Santipore English School, ..	10	2	4	4	0	1	2	0
Sarun School, ...	6	2	3	0	1	0	1	0
Satragachee Evening School, ...	2	0	1	1	0	0	0	0
School-Master, ...	30	7	8	9	1	2	6	4
Seal's College, ...	20	1	6	12	6	2	5	1
Serampore College, ...	10	0	4	5	0	2	2	1
Saetghur Anglo-Vernacular School,	1	0	0	1	0	0	0	0
Saorâpooly School, ...	2	0	1	1	0	0	1	0
Sheebshagur School, ...	3	1	0	1	0	0	0	1
Sodepore Aided School, ..	2	0	1	0	1	0	0	0
South Bora School, ...	4	0	2	2	0	0	1	0
St. John's College, ...	7	0	5	2	0	0	0	0
St. Stephen's College, ..	2	1	1	0	0	0	0	0
St. Thomas' College, Colombo, ..	7	0	5	1	1	0	0	1
St. Xavier's College, ...	6	1	2	1	1	1	2	0
Sylhet Mission School, ...	9	0	5	4	1	1	3	0
Tagoria Aided School, ...	5	0	1	4	0	1	0	0
Taky Aided School, ...	1	0	0	1	1	0	0	0
Tumlook School, ...	4	0	0	4	0	1	1	0
Umritsur Mission School, ..	3	0	0	3	2	0	1	0
Umritsur School, ...	6	0	4	1	0	0	0	1
Useful Arts School, ...	1	0	0	1	0	0	1	0
Victoria College, ...	3	0	0	2	0	2	1	1
Total, ..	1307	169	521	501	153	94	250	44

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 9.

The 29th January.

(In Circulation.)

90. Reports of the Boards of Examiners on the result of the late B. A. and B. L. Examinations.

RESOLVED :—

That the reports be confirmed, and the names of the successful candidates, hereto appended, be gazetted.

H. SCOTT SMITH,
Registrar.

BACHELOR OF ARTS.

FIRST DIVISION.

In order of Merit.

Gooroo Doss Banerjea, *Presidency College.*
Nilambur Mookerjea, *Ditto.*
Shib Chunder Chatterjea, *Ditto.*
Luckhy Narain Doss, *Ditto.*

Otool Chunder Mullick, *Presidency College.*
Aukhil Chunder Sen, *Dacca College.*
Prosonno Chunder Roy, *Presidency College.*

SECOND DIVISION.

In Alphabetical Order.

Baney Madub Mitter, *Presidency College.*
Brito, C., *Queen's College, Colombo.*
Bulloram Mullick, *Presidency College.*
Chunder Narain Singh, *Ditto.*
Forbes, A. H., *Doveton College.*
Gobindo Chunder Seal, *Presidency College.*
Grish Chunder Chuckerbutty, *Ditto.*
Grish Chunder Mitter, *Ditto.*
Herumbo Laul Goshammy, *Ditto.*
Hurry Narain Roy, *Teacher, Free Church Institution.*
Kannye Laul Mookerjea, *Presidency College.*
Krisno Chunder Chatterjea, *Ditto.*
Mohendro Laul Mitter, *Ditto.*
Mudhu Soodun Roy, *Ditto.*
Mutty Laul Dey, *Medical College.*
Radha Kisto Sen, *Presidency College.*
Raj Coomar Surbadhicarry, *Private Student.*
Ram Laul Banerjea, *Presidency College.*
Rohiny Coomar Bysack, *Dacca College.*
Sandel, M. L. *Doveton College.*
Sagor Chand, *Agra College.*
Sham Laul Holdar, *Presidency College.*
Simmons, W. J., *Doveton College.*

BACHELOR OF LAW.

FIRST DIVISION

In Order of Merit.

Boycunto Nauth Sen, *Presidency College, (Law Department.)*
Nursing Chunder Mitter, *Ditto ditto.*

Sreekanto Mullick, *Presidency College, (Law Department).*
Roby Chunder Gangooly, *Ditto ditto.*
Peary Mohun Mookerjea, *Ditto ditto.*
Romesh Chunder Bose, *Ditto ditto.*
Poresh Nauth Banerjea, *Ditto ditto.*
Anuntoram Ghose, *Ditto ditto.*
Jogessur Mookerjea, *Ditto ditto.*
Khetter Prosaud Mookerjea, *Ditto ditto.*
Nuffer Chunder Bhutto, *Ditto Ditto.*

SECOND DIVISION.

In Order of Merit.

Bhobany Churn Dutt, *Presidency College, (Law Department.)*
Goopee Nath Banerjea, *Ditto ditto.*
Sosheebhoosun Mookerjea, *Ditto ditto.*
Cally Prosunno Mookerjea, *Ditto ditto.*
Koylash Chunder Mookerjea, *Ditto ditto.*
Debendro Laul Bose, *Ditto ditto.*
Dukhina Prosaud Bose, *Ditto ditto.*
Troilokho Nauth Mitter, *Ditto ditto.*

LICENTIATE IN LAW.

FIRST DIVISION.

Nolit Chunder Sein, *Presidency College, (Law Department).*

MINUTES

OF

THE FACULTY OF LAW,

FOR THE YEAR 1863-64.

No. 4.

The 30th January.

Present :—

THE HON'BLE H. S. MAINE, *President.*
MR. BEAUFORT.
MR. MACPHERSON.

91. The Faculty proceeded to consider a Revised Code of Regulations in Law, in compliance with a request of the Syndicate, Minutes, No. 8, dated 7th January.

RESOLVED :—

That the Revised Code of Regulations in Law,* hereto appended, be approved.

H. SCOTT SMITH,
Registrar.

(Confirmed)
HENRY S. MAINE,
President.

* See below, Minutes of Syndicate, para. 102.

MINUTES

OF

THE FACULTY OF MEDICINE,

FOR THE YEAR 1863-64.

No. 5.

The 1st February.

Present :—

DR. FAYRER, *President.*
DR. GOODEVE.
DR. CHEVERS.
MR. PARTRIDGE.
DR. CHUCKERBUTTY.
DR. ANDERSON.

92. The Faculty proceeded to consider a Revised Code of Regulations in Medicine, in compliance with a request of the Syndicate, Minutes No. 8, dated 7th January, last.

RESOLVED :—

That the Revised Code of Regulations in Medicine, *hereto appended, be approved.

93. Read again the following letter from Dr. Chuckerbutty, vide Minutes, Vol. VI. para. 133.

To the Registrar of the Calcutta University.

SIR,—In connection with the Medical Faculty of the Calcutta University I beg to request you will be good enough to submit to the Syndicate for consideration certain points relating to the degrees in Medicine which have particularly struck me in

* See below, Minutes of Syndicate, para. 102.

reading through the printed Minutes. Sincerely as I desire the welfare of our Graduates, I think it will lower the value of their degrees in Medicine if we were to reduce the standard of qualifications required to obtain them. The Medical Faculty of the University of Calcutta, as compared with that of the London University, occupies a singular position. In London, besides the University, there are three other Corporate Bodies, the Colleges of Surgeons and Physicians and the Apothecaries Company, which grant Diplomas to practise. Indeed until the passing of the recent Medical Act, none but those belonging to these bodies were competent to follow the profession of Medicine in London, so that those who wished to be *General Practitioners* had to go to the Apothecaries Hall; those who wished to be Surgeons, to the College of Surgeons; and those who wished to be Physicians, to the College of Physicians. Within the last two years, however, in compliance with the wishes of the profession generally and by virtue of its ancient *Charter*, the College of Physicians has commenced to grant *Licences in Medicine and Surgery*, in order to dispense with the former separate examinations, and more especially to give a higher *status* to the great body of *General Practitioners*. The graduates in Medicine of the London University too are now qualified to practise in London by simply registering their names in the Medical Register. But the London University, as originally founded, was very different from what it is now. It was then the Institution in Gower Street, established after the Model of the Edinburgh University, without, however, religious restrictions of any kind. That Institution subsequently received the name of *University College* on the foundation of the present London University, embracing a wider field and confining its action to the function of examining and granting degrees in the several Faculties. The degrees in Medicine of the London University were, as already stated, mere Academic titles until the passing of the recent Medical Act, and even now, although they entitle a man to practise after Registration,

they are regarded with great respect on account of the superior education necessary to qualify for their acquisition. There are, then, four licensing bodies in London, and if a young man is not willing to go through the severe and prolonged course of study required by the University, he can always resort to one of the other three.

Now in Calcutta the Medical College was the sole licensing body previous to the establishment of the Calcutta University. The Medical College still retains that power so far as the Hindustani and Bengali classes are concerned, to whom it continues to grant its Diplomas; but with regard to the Primary Class, the privilege has been transferred to the University. It is not to be contended that there is any analogy between the Medical College of Bengal, which is more especially an educational institution, and the Colleges of Surgeons and Physicians and the Apothecaries Hall of London, which are purely licensing bodies, whatever lectureships they may have in connection with them. If there be any resemblance at all it is more to the Scotch Universities than to the London Corporations. And our Medical College has lost no more than *University College*, London, did by a similar transfer of its licensing power to the London University. So far it is all right. But the University of London does not profess to pass *General Practitioners*, although it does not prohibit its graduates to practise as such if they like. The character of its regulations for the degrees of Bachelor and Doctor of Medicine is a sufficient bar to the admission of the ordinary class of students, who are obliged to qualify for the profession elsewhere. In this respect the University of Calcutta is differently situated. It is the sole licensing body here in English, and hence it must pass *General Practitioners* in Medicine and Surgery, undertaking therein a function similar to that recently assumed by the London College of Physicians. This, no doubt, is its first duty, and it should be so not only regarding those who receive their Medical education in English, but also those others who may receive a

similar education in the vernaculars; for I think it very desirable that Vernacular Medical Schools should be encouraged. The *Native Hospital* seems to me to be peculiarly fitted for taking the lead in establishments of this kind. I do not see why a *Bengali Medical School* in connection with that Institution, if properly managed, should not be nearly as efficient as the Primary Class of the *Medical College*, and why similar schools should not be attached to every civil Hospital throughout the country. In England there is hardly a considerable Hospital which has not also a Medical School, but in this country we have hitherto been actually wasting our means in that respect.

A *second* and *higher duty* of the Calcutta University I conceive to be the encouragement of letters, and for this purpose alone should it confer the higher degrees of Bachelor and Doctor of Medicine. I think therefore that there should be a great gulf between the Licentiates in Medicine on the one hand, and the Bachelors and Doctors on the other.

The present Entrance Examination may suffice as literary qualification for the Licentiates in Medicine, but for the higher degrees there should be a *special Matriculation* of a higher order, including a certain knowledge of Latin and Greek. I would not object even to the title of Licentiate being also extended to persons who study Medicine in the vernaculars, provided they received in every respect a similar practical education. As it is, the vernaculars enter into the already existing Entrance Examination, and there is no denying the fact that the poorer classes of the community can be practically benefited only through them, the class of Sub-assistant Surgeons being generally beyond their reach. I do not, however, contend that the education at present provided for the Native Doctor class would justify the conferring of such a title. On the contrary, I think that would be highly improper. The class on whom this title should be conferred has yet to be created, and even when that happens, it would still be desirable to main-

tain a marked distinction between the vernacular and the English Licentiates—the former being ranked as Second Class and the latter as First Class Licentiates, leaving the so-called *Native Doctors* as they are, for employment under Government as now, if thought necessary. But in my opinion neither the Second nor the First Class Licentiates should be admitted to the higher University degrees, unless under exceptional circumstances. It is a bad plan to confer such honorable distinctions upon *Licentiates* merely on passing some subsequent examinations in Arts. In the generality of cases, the Medical Graduate will have no time to go through the required course of study in an *affiliated Institution.* Considering the calls of duty and the necessities of his position, he could not do so without injury to his professional interests. To be successful in practice he must keep pace with the advance of knowledge and devote his whole time to the science and practice of Medicine. Any considerable diversion of his attention to pursuits which lie beyond his immediate sphere, will not increase his practical utility, nor will the public appreciate his services more highly in consideration of his after-achieved literary acquirements. It will be, then, only such men as do not find employment who will study for the higher degrees at the sacrifice of their strictly Medical pursuits, and we shall have a class of Bachelors and Doctors who, by the time they obtain those honors, will have pretty nearly unlearned the business of their immediate calling. This, I must say, will be a great misfortune, and not at all in accordance with the wishes of the promoters of Medical education. In short, it will be as bad as putting the cart before the horse, while, at the same time, it will save no time to the aspirants for Medical honors. In my judgment, the better plan would be to hold the literary *before* the Medical examinations. Let a proper Matriculation test, including Latin and Greek, be fixed for the candidates who desire to try for the degrees of Bachelor and Doctor of Medicine, and, after passing that test, let them go through the usual course of

Medical study side by side with the other students who are preparing for the Licentiate; for in both cases the strictly professional subjects must be precisely the same. Then, on passing the Medical Examinations, which again must be very much the same as now, the Entrance Class should be passed as *Licentiates*, and the *Special Matriculation Class* as Bachelors of Medicine, the degree of Doctor being conferred after another examination, after, say, five years from the Bachelor's pass. Under exceptional circumstances when an Entrance student has displayed remarkable ability and managed, during the course of his Medical education, to master also the subjects of the *Special Matriculation*, on application to that effect, he might be allowed to go up to the Bachelor's Examination, provided he is prepared to answer *Matriculation* along with *professional questions*. I believe such a scheme as this, if adopted, will prove highly beneficial; for, while elevating the social status of our Medical Graduates, it will avoid the effect of drawing them away to extra-professional pursuits after the passing of the professional examinations. It will also, I think, stimulate the higher grades to increased exertions afterwards, in order to maintain their superiority to the class of Licentiates by engaging themselves in scientific investigations and otherwise, which cannot fail to be of immense advantage to the cause of human progress. I would therefore propose,

1. That the candidates for the Licentiate in Medicine, after the Entrance, shall pass their Medical examinations as now in strictly professional subjects only, in English or in any of the vernacular languages in which they may have received their Medical education.

2. That those who pass the Licentiate's examinations in English shall be styled the *First Class Licentiates*, and those who pass the Licentiate's examinations in any of the vernaculars shall be styled the *Second Class Licentiates* in Medicine.

3. That the candidates for the degree of Bachelor of Medicine shall pass a *Special Matriculation Test*, similar to that for

the First Examination in Arts, but including a given amount of Latin and Greek—a knowledge of which is absolutely requisite for the comprehension of the most ordinary prescriptions and technical terms.

4. That after the Special Matriculation, the Medical examinations for the Bachelor shall be much the same as for the Licentiate.

5. That no candidate shall be allowed to go up to the examination for the degree of Doctor of Medicine, unless he shall have obtained the Bachelor's degree five years previously and been engaged in the practice of his profession during that time.

6. That the test for the degree of Doctor of Medicine shall comprise a critical examination in the following subjects :—

1. Histology.
2. Pathology.
3. Hygiene, civil and military.
4. The Statistical Science.
5. Epidemiology.
6. Psychology.
7. Moral and Mental Philosophy.
8. The Diagnostic Art.
9. Military Surgery.
10. Clinical Medicine and Surgery in all their branches.
11. Commentary upon one or more professional subjects with illustrations from the personal experience of the writer.
12. French, German or Italian.

In submitting these remarks I avoid referring to any invidious distinctions that may obtain between the Medical and the other degrees. There is no question that the sciences which even a Licentiate in Medicine has to acquire demand more arduous labour and are, as means of education, more solid and developing than the course prescribed for the Bachelor of Arts. Nevertheless it is not to be gainsaid that the majority of the class to which the Licentiates belong follow their vocation more

as a trade than as a learned profession. And it is to raise them from that debased condition to an appreciation of literature and the arts that it is necessary to require of them extra-professional qualifications of a high order and such as a liberal education alone can ensure. It is thus only that they can be fit associates for the class of *gentlemen*, and thereby uphold the dignity of their particular calling.

It is true it might be objected that some of the European Universities confer the degree of Doctor of Medicine after a less severe test than that above recommended, and that by being so stringent, we might place our graduates under a great disadvantage inasmuch as students from this country might more easily and in a shorter time gain their end by a visit to Europe than if they remained here. And further, that a person taking his diploma in Europe is put into a higher grade in the public service on his return to India than one taking the highest degree obtainable in this country. In reply to the first of these objections, I need only urge the general contempt with which the *Degrees* granted by those lax Universities are treated by professional men; in regard of the third, I think, the Calcutta University should represent the evil to Government, so that the interests of our graduates may be duly protected; and as to the second, that too will cease of itself when no undue preference is shewn to individuals who, escaping from the more difficult ordeal in this country, fly to Europe for a cheap M. D.

I have, &c.

S. G. CHUCKERBUTTY M. D. *London.*

March 16th, 1863.

RESOLVED:—

That the foregoing letter be recorded.

H. SCOTT SMITH,

Registrar.

(Confirmed)

J. FAYRER,

President.

MINUTES

OF

THE FACULTY OF ENGINEERING,

FOR THE YEAR 1863-64.

No. 4.

The 2nd February.

Present :—

BABU RAMGOPAUL GHOSE, *in the Chair.*
MR. SUTCLIFFE, M. A.
MR. ATKINSON, M. A.

94. The Faculty proceeded to consider a Code of Revised Regulations in Engineering, in compliance with a request of the Syndicate, Minutes No. 8, dated 7th January last.*

RESOLVED :—

That the Revised Code of Regulations in Engineering,* hereto appended, be approved.

H. SCOTT SMITH,
Registrar.

(Confirmed)
RAMGOPAUL GHOSE,
Chairman.

* See below, Minutes of Syndicate, para. 102.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 10.

The 6th February.

Present :—

THE REV. J. MULLENS, D.D., *in the Chair.*
CAPT. WILLIAMS.
MR. BEAUFORT.
MR. ATKINSON, M. A.
DR. FAYRER, M. D.

95. Read a letter from the Director of Public Instruction, Punjab, suggesting that an alteration should be made in the Charter of the University (Act II. of 1857) so as to constitute the Hon'ble the Lieut.-Governor of the Punjab an ex-officio Fellow.

RESOLVED :—

That Capt. Fuller's letter be transmitted for the orders of His Excellency the Governor-General of India in Council.

96. Read an extract from the proceedings of the Faculty of Arts (Minutes 1863-64, para. 72) recommending the adoption of an exceptional clause in the Regulations as to Arts, whereby students of affiliated Institutions who can produce certificates from their Principals that they studied in them a full period of four years, and finally quitted those Institutions on or before December, 1860 may be admitted to the B. A. Examinations of 1865 and 1866 on payment of the usual fee, without first passing the Entrance Examination and the First Examination in Arts.

RESOLVED :—

That the recommendation of the Faculty be approved, and that it be brought up for consideration at the next meeting of the Senate.

97. Read a report from the Board of Examiners in Arts, recommending that the following candidates examined at Ceylon, for the First Examination in Arts and for Entrance be allowed to pass.

FIRST EXAMINATION IN ARTS.

Second Division.

W. H. D. Alwis, ... Queen's College.

ENTRANCE EXAMINATION.

First Division.

In Alphabetical order.

Beven, E., ... Queen's College.
Fernando, D. G., ... Ditto ditto.

Second Division.

In Alphabetical order.

Bartholomeusz, M. L., ... Queen's College.
Corea, G. E., ... Ditto.
Cuylenburg, H. V., ... Private student.
De Silva, C., ... St. Thomas' College.
Ferdinands, W. S., ... Queen's College.
Jayewardene, J. A., ... Ditto.
Jumeaux, A., ... Ditto.
Krickenbeeck, C. J., ... Ditto.
Paranagama, J. R., ... Ditto.
Perera, G., ... Ditto
Pereira, T. H., ... St. Thomas' College.
Senanayake, B. A., ... Ditto.
Stork, E. S., ... Ditto.
Thudman, J. J., ... Ditto.
Tillekeratne, D. A., ... Queen's College.
Toupaint, B. A., ... St. Thomas' College.

RESOLVED :—

That the recommendation of the Board be adopted and that the names of the passed candidates be published in the Gazette

98. Read a recommendation from the Board of Examiners in Law, that a Gold Medal, under para. 9 of the B. L. Regulations should be given to Boycunto Nath Sen.

RESOLVED :—

That the recommendation of the Board be adopted.

99. Read a report by the Registrar on the number of Examiners and the fees of Examiners and candidates.

RESOLVED :—

That the following scale, regulating the number and fees of Examiners, and the fees to be paid by candidates be recommended for the sanction of His Excellency the Governor-General in Council.

EXAMINERS.

Entrance.

English, 4 Examiners to receive Rs. 500 each.
Bengali, ditto ditto ditto.
History and Geography, ditto ditto ditto.
Mathematics, ditto ditto ditto.

First Arts and B. A.

English, 2 Examiners to receive Rs. 500 each, and Rs. 1-8 for every candidate over 300.
Bengali, ditto ditto ditto.
History, ditto ditto ditto.
Mathematics and Natural Philosophy, ditto ditto ditto.
Mental and Moral Science, ditto ditto ditto.
Physical Science, 2 Examiners to receive Rs. 300 each.

Entrance First Arts and B. A.

Greek and Latin, 2 Examiners to receive Rs. 300 each.
Sanscrit, Hindi and Oorya, ditto ditto ditto.

Persian, Urdu and Arabic, ditto ditto ditto.

Law (L. L. and B. L.,) 2 Examiners to receive Rs. 500 each.

Medicine, 6 Examiners to receive Rs. 600 each.

Engineering, 3 Examiners to receive Rs. 400 each.

Honors, Master or Doctor, 2 Examiners in each subject, to receive Rs. 150 each.

FEES OF CANDIDATES.

Entrance,..... .....Rs.	10
First Examination in Arts, ...	20
Bachelor of Arts, ...	30
Master of Arts,.....	50
Licentiate in Law, ...	25
Licentiate in Medicine and Surgery First Examination, ...	5
Ditto ditto Second ditto,.....	20
Licentiate in Civil Engineering,.....	25
Bachelor in Law, ...	30
Bachelor in Medicine, First Examination, ...	10
Bachelor in Medicine, Second Examination,...	20
Bachelor in Civil Engineering, ...	30
Doctor in Law,.....	100
Ditto in Medicine, ...	100
Master in Civil Engineering, ...	100

100. The Syndicate proceeded to appoint Examiners in Medicine for the ensuing Examinations.

RESOLVED :—

That the following gentlemen be appointed.

In Anatomy,.....	Dr. Partridge.
„ Physiology and Comparative Anatomy,	Dr. Ewart.
„ Chemistry & Medical Jurisprudence,...	Dr. Macnamara.
„ Medicine & Midwifery, ...	Dr. Payne.
„ Surgery & Ophthalmic Surgery, ...	Dr. Fayrer.
„ Botany & Materia Medica,.....	Dr. Anderson.

101. Read the following letter from Dr. Lees.

No. 560.

FROM THE PRINCIPAL, CALCUTTA MUDRUSSAH,
To H. SCOTT SMITH, ESQ.,
Registrar, Calcutta University.
Dated, Fort William, 30th January, 1864.

SIR,—I have the honor to forward the accompanying copies of correspondence regarding the improvement of the English Course of study in the Mudrussah, and I request you will do me the favor to submit it to the Syndicate with the following remarks.

2. It was a part of the scheme of the late Council of education that students of the Mudrussah should, as soon as they had passed through the English School Department, enter the Arabic College.

3. After the foundation of the University, however, it was ruled that the whole of the Government Scholarships should be thrown into one list, and that the holders of them should be permitted to prosecute their studies only at an Institution affiliated to the University.

4. The Mudrussah being purely an Arabic College is not so affiliated; and the consequence has been that none of the students after having passed through the School, could enter the College, but were compelled to join the Presidency, the Medical, or Civil Engineering Colleges. But as no other College in Bengal affords facilities for studying the Arabic Language, and Literature, and Mohammadan Law, this the Mohammadans of these Provinces considered a hardship.

5. I therefore referred the question through the Director of Public Instruction to His Honor the Lieutenant-Governor of Bengal, suggesting that arrangements should be made for educating the students of the Mudrussah up to the standard of the Second Examination in Arts, and His Honor was pleased to sanction the proposal, and as far as the holding of Government Scholarships in concerned to make an exception in favour of the students of the Mudrussah.

6. The Director of Public Instruction, however, objects that though the College can educate in English up to the standard of the Second Examination in Arts, according to the Regulations of the University, the students are debarred from going in for that Examination, because the College cannot be affiliated unless it can be certified that it has the means of educating up to the standard of the B. A. Degree. At the same time the Director of Public Instruction does not desire that the students of the Mudrussah should be more unfavorably situated than students of other Colleges, and he would have no objection I believe, to recemmend that a suitable increase to the Educational Staff of the College be made, and thus effect the desired object.

7. But viewing the question from a University point—it appears to me that the modification of the Regulations to admit of the Institution of a Second or intermediate Examination in Arts, and Examinations for Licentiateships in Law and Medicine, was *de facto* the enlargement of the basis of the University itself, so as to embrace all Educational Institutions which have the means of educating up to these standards, and that the non-modification of the affiliation rules to suit this change was the result of oversight.

8. In looking over the list of affiliated Institutions, I find that very many of them have *not* the means of educating up to the B. A. standard—indeed I should speak more correctly if I said that very few of them *have* the means of doing so, for it can hardly be correct to say that every Institution, the Principal or Head Master alone of which may be a Graduate of a College, has the means of complying with the existing rule. Be that moreover as it may, we have special Colleges in India affiliated to the University, such as the Medical and Civil Engineering Colleges, which have not the means of complying with the rule in question, and many others which, if they have the means, make no attempt to do so.

9. It appears to me them that it is desirable to modify the

rules of affiliation, and so bring them into better harmony with the rest of the Regulations of the University; and I therefore request that, with the sanction of the Hon'ble the Vice-Chancellor, you will do me the favour to lay this letter with accompanying correspondence before the Syndicate at their next meeting.

I have the honor to be,
Sir,
Your most obedient Servant,
W. N. LEES,
Principal, Calcutta Mudrussah.

RESOLVED :—

That Dr. Lees be informed that, as at present advised, the Vice-Chancellor and Syndicate do not find sufficient reason for adopting the modification of the rules for affiliation which he has proposed.

2. That the rules for affiliation be brought up for consideration at the next meeting with a view to remove any discrepany, if such should be found to exist, between the letter and the spirit of the rules.

3. That a circular be issued to the heads of affiliated Institutions to ascertain how far they comply with the present rules.

Read Codes of Revised Regulations in Law, Medicine and Engineering.

RESOLVED :—

That the Revised Regulations in the form approved by the Syndicate, be submitted to the Senate.

H. SCOTT SMITH,
Registrar.

(Confirmed)
JOSEPH MULLENS,
Chairman.

MINUTES

OF

THE SENATE,

FOR THE YEAR 1863-64.

No. 3.

The 20th February, 1864.

Present :—

THE HON'BLE THE VICE-CHANCELLOR.
THE HON'BLE THE LT.-GOVERNOR OF BENGAL.
CAPT. W. N. LEES, LL. D.
H. WOODROW, ESQ. M. A.
THE REV. JOSEPH MULLENS, D. D.
BABOO RAM GOPAL GHOSE.
JAMES SUTCLIFFE, ESQ. M. A.
CAPTAIN E. C. S. WILLIAMS.
LIEUT.-COL. R. STRACHEY.
W. S. ATKINSON, ESQ.
F. L. BEAUFORT, ESQ.
A. G. MACPHERSON, ESQ.
THE HON'BLE W. S. SETON-KARR.
J. FAYRER, ESQ. M. D.
NORMAN CHEVERS, ESQ. M. D.
S. B. PARTRIDGE, ESQ.
H. SCOTT SMITH, ESQ.
BABOO RAMA NAUTH TAGORE.
MOULVIE ABDOOL LUTEEF KHAN, BAHADOOR.
BABOO RAJENDRA LAL MITTRA.
S. G. CHUCKERBUTTY, ESQ. M. D.

LT.-COL. J. P. BEADLE.
COWAR HARENDRA KRISHNA.

103. Read Revised Regulations in Law, Medicine, and Engineering, recommended by the Syndicate (Minutes 1863-64, para. 102.)

RESOLVED :—

That the following alterations be made and that, so altered, as hereto appended, the Revised Regulations be approved and adopted :—

Section "Licence in Law," para. 2 :—

Omit the words "and can produce satisfactory evidence of having, for not less than six months, attended the sittings of a Court of Justice, or, as pupil, the chambers of a practising barrister or pleader."

Same Section, para. 8 :—

Substitute for the words "in two divisions, each in order of merit" the word "alphabetically."

Section "Bachelor in Law," para. 2 :—

Substitute for the words "two years" the words "one year."

Section "Licence in Medicine and Surgery," para. 6 :—

Insert the words "the subjects of" immediately after the words "portions of" and before the word "Chemistry."

Same Section :—

Omit paragraphs 8, 9, 18 and 19.

Section "Master in Civil Engineering."

(*a*) Substitute the word "Honors" for the words "degree of Master" wherever they occur in the Section, including the heading.

(*b*) For para. 2, substitute the following :—

"Any Candidate who has passed the Examination for the degree of Bachelor in Civil Engineering or for a Licence in Engineering, may be examined for Honors."

(*c*) Omit para. 4.

(*d*) In para. 5, substitute for the words "oral and practical" the words "and oral."

(*e*) In para. 7, omit the words:—

"He shall also be required to write a report on some Engineering work on which he has been engaged."

(*f*) In para. 8, omit the words "in two divisions each."

(*g*) Immediately after para. 8, add the following new Section:—

MASTER IN CIVIL ENGINEERING.

1. No special Examination shall be held, but any person who has graduated as B. C. E. and has at any time passed the Honor Examination may be admitted to the Degee of Master in Civil Engineering without examination, provided that—

(1.) Two members of the Faculty of Engineering or two Masters in Civil Engineering shall testify to the satisfaction of the Syndicate that, since graduating, he has practised his profession with repute for four years, and that in habits and character he is a fit and proper person for the Degree of Master.

(2.) He shall produce an Essay, approved by the President of the Faculty of Engineering for the time being, on some subject connected with Engineering.

2. A fee of Rupees one hundred shall be payable for the Degree of Master in Civil Engineering. No Candidate shall be admitted unless he have previously paid this fee to the Registrar.

H. SCOTT SMITH,
Registrar.

(Confirmed)
H. S. MAINE,
Vice-Chancellor.

LICENCE IN LAW.

1. An Examination for a *Licence in Law shall be held annually in Calcutta and shall commence in the first week in January.

2. Any under-graduate of the University may be admitted to this Examination provided he has prosecuted a regular course of study in a school of Law, recognized by the Syndicate, for not less than three academical years after passing the First Examination in Arts.

3. Every Candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty-five rupees shall be payable by each Candidate. No Candidate shall be admitted unless he shall have paid this fee to the Registrar. A Candidate who fails to pass, or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations for a Licençe in Law on payment of a like fee of twenty-five Rupees on each occasion.

5. The Examination shall be written and oral.

6. Every Candidate shall be examined in the following subjects:—

I. The Principles of Jurisprudence.

II. The several systems of Municipal Law which obtain in India, as they concern:

a. Personal rights, and status.

b. The Rights of Property, the modes of its acquisition, and herein the Law of Contracts and Successions, as well testamentary as *ab intestato*.

c. The Law of Evidence of Crimes, and of Procedure.

The following shall be text-books of Examination in the fore-

* The holder of this Licence shall be styled a Licentiate in Law.

going subjects, and may, from time to time, be altered by the Syndicate:—

PRINCIPLES OF JURISPRUDENCE.

Stephen's Blackstone—Introduction, and Section 2.

Kent's Commentaries—Part 1, Lecture 1; Part 3, Lectures 20, 21, 22 and 23.

Story's Conflict of Laws,—Chapters 1 and 2, *or*

Wheaton's Elements of International Law—Part 2, Chapter 2.

PERSONAL RIGHTS AND STATUS.

Stephen's Blackstone—Books I. and III. Book IV. Part 1, Chapters 1, 2, 6 and 10; Part III. Chapters 1, 7, 10 and 13.

Kent's Commentaries—Part 4, Lectures 24 to 33 inclusive.

Strange's Hindu Law—Chapters 2, 3, 4 and 10, *or*

Macnaghten's Hindu Law Chapters 4, 6 and 7.

Macnaghten's Mahomedan Law—Chapters 7, 8 and 9.

Story's Conflict of Laws—Chapters 3 and 4.

THE RIGHTS OF PROPERTY, THE MODES OF ITS ACQUISITION, AND HEREIN THE LAW OF CONTRACTS, AND SUCCESSIONS, AS WELL TESTAMENTARY AS AB INTESTATO.

Stephen's Blackstone—Book II.—Introduction and Part 2.

Kent's Commentaries—Parts 5 & 6.

Macpherson on Contracts.

Williams on Real Property—Part I. Chapters 1 to 4 and 6 to 9; Part IV. Chapter 2; Part V. *or*

Stephen's Blackstone—Book II. Part 1, (Excepting Chapter 2).

Strange's Hindu Law—Chapters 1, 6, 7, 8, 9, 11 and 12, *or*

Macnaghten's Hindu Law—Chapters 1, 2, 3, 4 and 9.

Macnaghten's Mahomedan Law—Chapters 1, 2, 3, 4, 5, 6, 10, 11 and 12.

Dattaca Chundrica. (Sutherland's Translation).

Macpherson on Mortgages.

THE LAW OF EVIDENCE, OF CRIMES AND OF PROCEDURE.

Indian Penal Code.

Stephen's Blackstone—Books V. and VI.

Taylor *or* Goodeve *or* Norton on Evidence.

The Codes of Civil and Criminal Procedure. All Acts and Regulations, in force, regulating the Revenue Courts of the Bengal Presidency.

Where two or more books are mentioned in the alternative, it shall not be necessary for the Students to pass in more than one of those books.

7. A paper of questions shall be set in each of the following subjects.

a. The Principles of Jurisprudence and the Roman Law.

b. Personal Rights and Status, and the infringements of such rights.

c. The rights of Property, and the infringement of them, the modes of its acquisition, and the Law of Successions, as well testamentary as *ab intestato*.

d. The Law of Contracts.

e. The Code of Civil Procedure, the Revenue Laws, and the Law of Evidence.

f. Penal Code and Code of Criminal Procedure.

8. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates arranged alphabetically.

BACHELOR IN LAW.

1. An Examination for the Degree of Bachelor in Law shall be held annually in Calcutta and shall commence in the first week in January.

2. Any Bachelor of Arts may be admitted to this Examination, provided he has passed the B. A. Examination at least one year previously, and has attended lectures in a School of Law, recognized by the Syndicate, for three academical years.

3. Every Candidate for admission to the Examination shall send his application, with a certificate in the form entered in

Appendix A, to the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty-five Rupees shall be payable by each Candidate. No Candidate shall be admitted unless he shall have paid this fee to the Registrar. A Candidate who fails to pass or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty-five Rupees on each occasion.

5. Every Candidate shall be examined in the subjects, and in the manner ordered in paragraphs 6 and 7 of the Regulations for a Licence in Law.

6. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates arranged in two divisions, each in order of merit. The first student of the first class shall receive a Gold Medal, provided that he is considered, by the Examiners, to have evinced sufficient merit. The Syndicate shall be at liberty to award one or more special prizes, if they deem it expedient.

7. Any Licentiate in Law who has graduated in Arts,* may, on paying the usual fee, be admitted to the Degree of Bachelor in Law without further Examination.

HONORS.

1. An Examination for Honors in Law shall be held annually in Calcutta, commencing in the first week in March.

2. Any Candidate who has passed the Examination for the Degree of Bachelor in Law or for a Licence in Law may be examined for Honors.

3. Every Candidate for Honors shall send his application, specifying the subjects in which he desires to be examined, to

* Any person who has passed a University Law Examination in or before January 1864 or the Examination for a Licence in Law, may proceed to the B. A. Examination without passing the First Examination in Arts, or completing the two years of study at an affiliated Institution required under para. 2. of the B. A. Regulations.

the Registrar at least one month before the date fixed for the commencement of the Examination.

4. The Examination shall be conducted by means of printed papers.

5. Every Candidate shall be examined in two or more of the following subjects to be selected by himself.

a. Hindu and Mahomedan Law.

b. Law of England, as administered in H. M.'s High Court of Judicature in the exercise of its original Civil Jurisdiction.

c. General Law, as administered in H. M.'s High Court of Judicature in the exercise of its appellate Jurisdiction, and in the Courts subordinate to it.

d. Mercantile Law.

e. Roman Civil Law.

f. Conflict of Laws.

g. International Law.

6. A separate paper shall be set in each of the seven subjects; and in addition to the two subjects in which they must of necessity elect to be examined, Candidates shall be permitted to enter for all or for any number of the others.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the Candidates who have passed, arranged in order of merit. Candidates shall be bracketed together, unless the Examiners are of opinion that there is clearly a difference in their merits. Each successful Candidate shall receive a certificate, setting forth the branches in which he has been examined.

DOCTOR IN LAW.

1. No special Examination shall be held, but any person who has graduated as B. L. and has at any time passed the Honor Examination in four subjects at least, may be admitted to the Degree of Doctor in Law without examination, provided that—

(1.) Two members of the Faculty of Law or two Doctors in Law shall testify to the satisfaction of the Syndicate that, since graduating, he has practised his profession with repute for five years, and that in habits and character he is a fit and proper person for the Degree of Doctor, *and*

(2) He shall produce an Essay approved by the President of the Faculty of Law for the time being, on some subject connected with Law or Jurisprudence.

2. A fee of Rupees one hundred shall be payable for the Degree of Doctor in Law. No Candidate shall be admitted unless he have previously paid this fee to the Registrar.

LICENCE IN MEDICINE AND SURGERY.

1. An Examination for a *Licence in Medicine and Surgery shall be held annually in Calcutta and shall commence in the last week of March. The Examination shall consist of two parts, entitled respectively the First and Second Licentiate Medical Examinations.

First Licentiate Medical Examination.

2. Any under-graduate of the University, who can produce certificates to the following effect, may be admitted to this Examination :—

a.—Of having completed his nineteenth year.

b.—Of having been engaged in Medical Studies for three academical years after passing the Entrance Examination.

c.—Of having attended the following courses of lectures at a School of Medicine recognized by the Syndicate :—

Two courses of 70 *Lectures.*

Descriptive and Surgical Anatomy.

Chemistry.

* The holder of this Licence shall be styled a Licentiate in Medicine.

Materia Medica.

General Anatomy and Physiology.

One course of 40 *Lectures.*

Botany.

One course.

Practical Chemical Exercises in testing the nature of ordinary poisons, and in Examination of animal secretions and urinary deposits.

d.—Of having studied Practical Pharmacy for three months, and of having acquired a practical knowledge of preparation and compounding of Medicines.

e.—Of having dissected during three winter terms, and of having completed at least twelve Dissections in each term.

3. Every Candidate for admission to the Examination shall send his application, with a Certificate in the form entered in Appendix A, to the Registrar at least two days before the date fixed for the commencement of the Examination.

4. A fee of five Rupees shall be payable by each Candidate. No Candidate shall be admitted unless he shall have paid this fee to the Registrar. A Candidate who fails to pass or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of five Rupees on each occasion.

5. The Examination shall be written, oral, and practical.

6. Every Candidate shall be examined in the following subjects :—

Descriptive and Surgical Anatomy.

Chemistry.

Botany.

Materia Medica and Pharmacy.

General Anatomy and Physiology.

Practical Chemistry, so far as regards the testing of the presence and nature of ordinary poisons, and the examination of animal secretions and urinary deposits.

The Syndicate shall notify three months before the Examination, the portions of the subjects of Chemistry and Botany in which Candidates shall be examined.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the Candidates who have passed, arranged in alphabetical order. Every Candidate shall on passing receive a Certificate in the form entered in Appendix A.

8. Any passed student of the Vernacular classes of any affiliated Medical College, or School of Medicine, if recommended by the Principal for distinguished merit, may be admitted to this Examination on producing certificates to the following effect :—

(*a*) Of having passed the Entrance Examination of the University.

(*b*) Of having completed his nineteenth year.

(*c*) Of having, subsequently to qualifying in the Vernacular classes, been engaged for one year in the study of Medicine and Surgery, and during that time of having attended, in a School of Medicine recognized by the Syndicate, a course of lectures in each of the following subjects :—

Anatomy.
Physiology.
Botany.
Chemistry.

SECOND LICENTIATE MEDICAL EXAMINATION.

9. Any Candidate, who can produce certificates to the following effect, may be admitted to this Examination :—

(*a*) Of having passed the First Licentiate Medical Examination at least two years previously.

(*b*) Of having, subsequently to passing the First Licentiate Medical Examination, attended the following Courses of Lectures at a School of Medicine recognised by the Syndicate :—

Two courses of 70 *Lectures.*

Medicine (including Hygiene and General Pathology).
Surgery.
Midwifery.

Two courses of 50 *Lectures.*

Medical Jurisprudence.

One course of 20 *Lectures.*

Diseases of the Eye.

(*c*) Of having, subsequently to passing the First Licentiate Medical Examination, dissected the surgical regions, and performed surgical operations during two winter sessions; the certificate to state the number and nature of the operations so performed.

(*d*) Of having conducted at least six Labors.

Certificates on this subject will be received from any legally qualified practitioner in Medicine.

(*e*) Of having attended Hospital and Dispensary Practice during the last three academic years of study in the following manner, viz. :—

Three months of attendance at the Out-door Dispensary of a recognized Hospital.

Fifteen months of attendance at the Surgical Practice of a recognized Hospital, and Lectures on Clinical Surgery during such attendance.

Fifteen months of attendance at the Medical Practice of a recognized Hospital, and Lectures on Clinical Medicine during such attendance.

Three months of attendance at the practice of an Eye-Infirmary.

(*f*) Of having drawn up, in his own handwriting, six Medical and six Surgical cases, during his period of service as Clinical Clerk or dresser.

(*g*) Of general character and conduct from the Principal of the College or School of Medicine at which he has studied.

10. Every Candidate for admission to the Examination shall send his application, with certificates in the form entered in Appendix A. to the Registrar at least two days before the date fixed for the commencement of the Examination.

11. A fee of twenty rupees shall be payable by each Can-

didate. No Candidate shall be admitted, unless he shall have paid this fee to the Registrar. A Candidate who fails to pass, or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty rupees on each occasion.

12. The Examination shall be written, oral and practical.

13. Every Candidate shall be examined in the following subjects:—

Principles and Practice of Medicine.
Do. Do. of Surgery.
Ophthalmic Medicine and Surgery.
Midwifery.
Medical Jurisprudence.
Practical Toxicology.

The Clinical Examination shall be conducted in the wards of a Hospital.

14. Every Candidate shall be required:—

To examine, diagnose and treat cases of Acute or Chronic Diseases, to be selected by the Examiners; and to draw up careful histories of the cases; also, if required, to perform and report in detail necroscopical examinations of any of the selected cases that may have died in Hospital.

To apply apparatus for great surgical injuries and explain the objects to be attained by them, as well as the best manner of effecting those objects.

To examine, in presence of the Examiners, morbid products chemically and by the aid of the microscope, demonstrating the results obtained.

To perform capital operations upon the dead subject, after detailing to the Examiners the pathological conditions in which such operations are necessary, the different modes of operation adopted, and their reasons for preferring any particular mode of procedure.

15. As soon as possible after the Examination, the Syn-

dicate shall publish a list of the successful candidates arranged in alphabetical order. Every Candidate shall, on passing, receive a certificate in the form entered in Appendix (A).

BACHELOR IN MEDICINE.

1.—An Examination for the degree of Bachelor in Medicine shall be held annually in Calcutta and shall commence in the last week of March. The Examination shall consist of two parts, entitled respectively the First and Second M. B. Examinations.

First M. B. Examination.

2.—Any Under-graduate of the University, who can produce certificates to the following effect, may be admitted to this Examination:—

(*a*) Of having passed the First Examination in Arts; **Latin having been one of the languages in which he was examined.*

(*b*) Of having, subsequently to passing the First Examination in Arts, been engaged in Medical studies for three academical years.

(*c*) Of having attended the following courses of lectures at a School of Medicine recognized by the Syndicate:—

Two Courses, each of 70 *Lectures.*

Descriptive and Surgical Anatomy.
Chemistry.
Materia Medica.
General Anatomy.

Two Courses, each of 40 *Lectures.*

Botany.

One Course of 40 *Lectures.*

Comparative Anatomy and Zoology.

* The words here printed in Italics are to take effect as soon after 1869 as the Syndicate may order.

One Course.

Practical Chemical Exercises in testing the nature of ordinary poisons, and in examination of animal secretions and urinary deposits.

(*d*) Of having studied Practical Pharmacy for three months and of having acquired a practical knowledge of preparation and Compounding of Medicines.

(*e*) Of having dissected during three Winter terms, and of having completed at least twelve dissections in each term.

3. Every Candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar at least two days before the date fixed for the commencement of the Examination.

4. A fee of ten Rupees shall be payable by each Candidate. No Candidate shall be admitted unless he shall have paid this fee to the Registrar. A Candidate who fails to pass or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of ten Rupees on each occasion.

5. The Examination shall be written, oral, and practical.

6. Every Candidate shall be examined in the following subjects :—

Descriptive and Surgical Anatomy.
Chemistry.
Botany.
Materia Medica and Pharmacy.
General Anatomy and Physiology.
Comparative Anatomy and Zoology.

Practical Chemistry, so far as regards the testing of the presence and nature of ordinary poisons, and the examination of animal secretions and urinary deposits.

7. As soon as possible after the commencement of the Examination, the Syndicate shall publish a list of the Candidates who have passed, arranged in two divisions, the first in

order of merit and the second in alphabetical order. Every Candidate shall on passing receive a certificate in the form entered in Appendix A.

8. Scholarships of 32 Rupees a month, on the result of this Examination, and tenable for two years, with the style of Junior University Scholar, shall be given in each of the following subjects :—

Descriptive and Surgical Anatomy.
Chemistry.
Materia Medica and Pharmaceutical Chemistry.
Botany.
Physiology and Comparative Anatomy.

9. Scholarships shall be awarded on the recommendation of the Examiners and shall be held subject to good behaviour.

SECOND M. B. EXAMINATION.

10. Any Candidate, who can produce certificates to the following effect, may be admitted to this Examination :

(*a*) Of having passed the First M. B. Examination at least two years previously.

(*b*) Of having, subsequently to passing the First M. B. Examination, attended the following courses of Lectures at a School of Medicine recognized by the University :—

Two Courses, each of 70 *Lectures.*

Medicine (including Hygiene and General Pathology).
Surgery.
Midwifery.

Two Courses of 50 *Lectures.*

Medical Jurisprudence.

One Course of 20 *Lectures.*

Diseases of the Eye.

(*c*) Of having, subsequently to passing the First M. B. Examination, dissected the surgical regions, and performed

surgical operations during two winter sessions; the certificate to state the number and nature of the operations so performed.

(*d*) Of having conducted at least six Labors.

Certificates on this subject will be received from any legally qualified practitioner in Medicine.

(*e*) Of having attended Hospital and Dispensary Practice during the last three academic years of study in the following manner, viz.:—

Three months of attendance at the out-door Dispensary of a recognized Hospital.

Fifteen months of attendance at the Surgical Practice of a recognized Hospital and Lectures on Clinical Surgery during such attendance.

Fifteen months of attendance at the Medical Practice of a recognized Hospital and Lectures on Clinical Medicine during such attendance.

Three months of attendance at the practice of an Eye-Infirmary.

(*f*) Of having drawn up, in his own handwriting, Medical and Surgical cases during his period of service as Clinical Clerk or dresser.

(*g*) Of general character and conduct from the Principal of the College or School of Medicine at which he has studied.

11. Every Candidate for admission to the Examination shall send his application, with certificates in the form entered in Appendix A, to the Registrar at least two days before the date fixed for the commencement of the Examination.

12. A fee of twenty rupees shall be payable by each candidate. No Candidate shall be admitted unless he shall have paid this fee to the Registrar. A Candidate who fails to pass or present himself for Examination shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty rupees on each occasion.

13. The Examination shall be written, oral, and practical.

14. Every Candidate shall be examined in the following subjects:—

Principles and Practice of Medicine.
Do. Do. of Surgery.
Ophthalmic Medicine and Surgery.
Midwifery.
Medical Jurisprudence.
Practical Toxicology.

The Clinical Examination shall be conducted in the Wards of a Hospital.

15. Every Candidate shall be required:—

To examine, diagnose and treat cases of Acute or Chronic Disease to be selected by the Examiners; and to draw up careful histories of the cases; also, if required, to perform and report in detail necroscopical examinations on any of the selected cases that may have died in Hospital.

To apply apparatus for great surgical injuries and explain the objects to be attained by them, as well as the best manner of effecting those objects.

To examine, in presence of the Examiners, morbid products chemically and by the aid of the microscope, demonstrating the results obtained.

To perform capital operations upon the dead subject, after detailing to the Examiners the pathological conditions in which such operations are necessary, the different modes of operation adopted, and the reasons for preferring any particular mode of procedure.

16. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates, arranged in two divisions, each in alphabetical order.

17. Any Licentiate of three years' standing may be admitted to this Degree on paying a fee of fifty rupees and producing certificates to the following effect:—

(*a*) Of having passed the First Examination in Arts ;* *Latin having been one of the languages in which he was examined.*†

(*b*) Of having attended at a School of Medicine recognized by the Syndicate a Course of lectures in Comparative Anatomy and Zoology, consisting of at least 40 Lectures.

(*c*) Of having passed an Examination in Comparative Anatomy and Zoology.

18. Any Candidate who has passed the Licentiate Examination before 1867, or the Senior Diploma Examination of the Medical College, may be admitted to this degree, without further Examination or fee, on producing a certificate of having passed the First Examination in Arts,* *Latin having been one of the languages in which he was examined.*†

HONORS.

1. Any Candidate who has been placed in the first division at the second Examination for the Degree of Bachelor of Medicine, may be examined for Honors in one or more of the following branches :—

Surgery.
Medicine.
Midwifery.
Medical Jurisprudence.

2. The Examinations shall take place in the week following the completion of the second Examination, and shall be conducted by means of written papers and practical tests.

3. As soon as possible after each Examination for Honors, the Syndicate shall publish a list of the successful Candidates, arranged in order of merit. Candidates shall be bracketed

* The words here printed in italics are to take effect as soon after 1869 as the Syndicate may order.

† Any Licentiate in Medicine and Surgery may proceed to the First Examination in Arts or to the B. A. Examination without completing the two years' attendance at an affiliated Institution, required under para. 2 of the First Arts Regulations.

together, unless the Examiners are of opinion that there is clearly a difference in their merits.

4. Scholarships of sixty Rupees a month, on the result of this Examination, and tenable for two years, with the style of Senior University Scholar, shall be given in each of the following subjects :—

Midwifery and the diseases of women and children.

Surgery.

Medicine.

5. Scholarships shall be awarded on the recommendation of the Examiners and shall be held subject to good behaviour.

DOCTOR IN MEDICINE.

1. An Examination for the Degree of Doctor in Medicine shall be held annually in Calcutta and shall commence in the first week of April.

2. Any Bachelor in Medicine may be admitted to this Examination, provided he can produce certificates to the following effect :—

(*a*) Of having been admitted to the degree of *Bachelor of Arts.

(*b*) Of having, subsequently to passing the M. B. Examination, completed :—

Five years of certified practice of the Medical profession, *or*

Two years Hospital practice and two years private practice, *or*

Two years practice, either hospital or private, if the Candidate be a Graduate in Medicine with Honors.

(*c*) Of good moral character, signed by two persons of respectability.

3. Every Candidate for admission to the Examination shall send his application, with a Certificate in the form entered in

* Any Bachelor in Medicine may proceed to the B. A. Examination without completing the two years study at an affiliated Institution, required under para. 2 of the B. A. Regulations.

Appendix A. to the Registrar at least one month before the date fixed for the commencement of the Examination.

4. A fee of one hundred Rupees shall be payable by each Candidate. No Candidate shall be admitted unless he shall have paid this fee to the Registrar. A Candidate who fails to pass, or present himself for Examination shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of one hundred Rupees on each occasion.

5. The Examination shall be written, oral and practical.

6. Every Candidate shall be examined in the following subjects:—

Medicine, including the practice of Physic.
Surgery.
Midwifery.
Hygiene and Pathology.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates, arranged in alphabetical order.

8. Any Candidate who is not a Bachelor in Medicine, may be admitted to the Examination for the degree of Doctor in Medicine, on producing certificates to the following effect:—

(*a*) Of having passed the Senior diploma Examination of the Medical College *or* the Licentiate Examination in Medicine and Surgery of the University.

(*b*) Of having attained the age of 35 years.

(*c*) Of having practised the Medical profession with repute for five years.

(*d*) Of fitness, moral and social, for the degree.

(*e*) Of having passed the B. A. Examination;* *Latin having been one of the languages in which he was examined,*

or

The following preliminary Examination, for those Candidates

* The words here printed in italics are to take effect as soon after 1869 as the Syndicate may order.

only who had completed their Medical Education in or before the session of 1859:—

English.

Subjects of Examination shall not be appointed, but the answers of the Candidates in all subjects must be such as to shew a competent knowledge of the English language.

Mental and Moral Science.

Mental Science;—as contained in Abercrombie on the Intellectual Powers.

Moral Philosophy;—as contained in Payne and Abercrombie.

LICENCE IN CIVIL ENGINEERING.

1. An Examination for a *Licence in Civil Engineering shall be held annually in Calcutta; and shall commence in the first week in May.

2. Any under-graduate of the University may be admitted to this Examination provided he has prosecuted a regular course of study in a School of Engineering recognized by the Syndicate, for three academical years after passing the Entrance Examination.

3. Every Candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A. to the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty-five Rupees shall be payable by each Candidate. No Candidate shall be admitted unless he has paid this fee to the Registrar. A Candidate who fails to pass, or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty-five Rupees on each occasion.

* The holder of this Licence shall be styled a Licentiate in Civil Engineering.

5. Every Candidate shall be examined in the following subjects:—

I. Mathematics.
II. Mechanical Philosophy.
III. Natural and Experimental Science.
IV. Construction.
V. Drawing.
VI. Geodesy.

I.—Mathematics.

Arithmetic.

Algebra.

Simple and Quadratic Equations, Ratio, Proportion and Variation, Arithmetical and Geometrical Progression.

Binomial Theorem.

Logarithms.

Geometry.

Euclid—Books—1, 2, 3, 4, 6 and 11 to Prop. 21, with deductions.

Conic Sections, treated Geometrically.

Trigonometry.

As far as the solution of all cases of plane triangles.

Mensuration.

Mensuration of Surfaces and Solids.

II.—Mechanical Philosophy.

Statics.

Composition and Resolution of Forces, Centre of Gravity.

Mechanical Powers.

Friction.

Dynamics.

General Laws of Motion.

Motion of Falling Bodies in free space and down inclined planes.

Vibration of simple pendulums.

Collision of Bodies.

Hydrostatics.

Equilibrium of Fluids.

Specific Gravity.

Equilibrium of floating bodies.

Centre of pressure.

Elastic fluids.

Principles of the Barometer and Thermometer and application to determine heights of mountains; of the Air-pump, Condenser, Pump, Syphon, and Hydrostatic Press.

Hydrodynamics.

Motion of fluids through a small orifice.

Percussion and Resistance of Fluids.

Optics.

Laws of reflection, refraction, and radiation from Plane and Spherical Surfaces. Formation of Images; simple and compound Lenses; the Eye, Principles of the Sextant, Telescope, and Microscope.

III.—NATURAL AND EXPERIMENTAL SCIENCE.

Chemistry.

The elements of inorganic Chemistry, as laid down in Chambers's Course and as applied to the preparation of wrought-iron, steel and cements.

Heat.

Elementary laws of Heat, with reference to steam and combustion of fuel.

Mineralogy.

Physical Characteristics of Minerals.

Physical Geography.

With special reference to that of India.

IV.—CONSTRUCTION.

Materials.

Stones.

Preparation of Bricks and Tiles, Mortars, and Cements, Paints, Iron and Steel, Preservation of Timber.

Practice of Building.

Earthwork.

Construction of Roads.

Construction of Railroads.

Selection of Line, Cuttings and Embankments, Tunnels, Gradients, Curves.

The practice of Bridge Building.

Carpentry.

Scarfs, Joints, Centres for Bridges, Roofs.

Hydraulic Works.

Flow of water in pipes and open channels, and over Weirs; Tanks; Canals; Sluices; Locks.

Strength of Materials.

Resistance of Iron and Wood to compression, tension, transverse and longitudinal strains and detrusion. Deflection of Beams. Various forms of Beams, Solid, and Hollow.

Stability of Structures.

As applied to retaining walls, bridges, abutments, walls of Buildings, and framed structures.

Mechanism.

Motion; Machines: advantage and uses of.

Elementary forms; Levers; Cranks; Rolling contacts; Sliding contacts; Mechanism for modifying motion; Accumulation and Regulation of motion.

Sources of power—Gravity, Wind, Heat, Muscular action.

The Steam Engine in detail.

Hydraulic Machines—Water wheels and Turbines.

Designs.

An original design for a work on given data, with report, specification, and estimate.

V.—DRAWING.

Geometrical, Mechanical, Engineering and Architectural, Perspective, Isometrical perspective, Topographical and Landscape Drawing.

(Attested specimens, of each kind, to be submitted to the Examiners, in addition to the specimens to be executed during the Examination, to which marks will be assigned.)

VI.—GEODESY.

Use of the Scales, Prismatic Compass, Level, Theodolite, and Plane Table.

Topographical Surveying of limited areas.

Practice of levelling.

Route Surveying and laying out Curves.

(Attested Surveys, executed by the Candidate, will be submitted to the Examiners, to which marks will be assigned.)

6. The Examination shall be conducted by means of printed papers, and a paper of questions shall be set in each of the following subjects :—

Arithmetic and Algebra.

Geometry and Conic Sections.

Practical Trigonometry, Logarithms and Mensuration.

Statics and Dynamics.

Hydrostatics and Optics.

Chemistry and Heat.

Mineralogy and Physical Geography.

Practice of Building.

Earthworks and Construction of Roads and Railways.

Carpentry and Mechanism.

Hydraulic Works.

Strength of Materials and Stability of Structures.

Drawing and Geodesy.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates arranged in two divisions, each in order of merit. Every Candidate shall on passing receive a certificate in the form entered in Appendix A.

BACHELOR IN CIVIL ENGINEERING.

1. An Examination for the degree of Bachelor in Civil Engineering shall be held annually in Calcutta, and shall commence in the first week of May.

2. *Any Candidate may be admitted to the Examination, provided he has prosecuted a regular course of study at a school of Engineering, recognized by the Syndicate, for three academical years after passing the First Examination in Arts.

3. Every Candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A. to the Registrar, at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of thirty Rupees shall be payable by each Candidate. No Candidate shall be admitted unless he has paid this fee to the Registrar. A Candidate who fails to pass, or present himself for Examination, shall not be entitled to claim a refund of the fee. A Candidate may be admitted to one or more subsequent Examinations on payment of a like fee of thirty Rupees on each occasion.

5. Every Candidate shall be examined in the subjects and in the manner ordered in paras. 6, 7 and 8 of the Regulations for a Licence in Civil Engineering.

6. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates arranged in two divisions, each in order of merit. Every Candidate shall on passing receive a certificate in the form entered in Appendix A.

7. The first Candidate of the first class shall receive a gold medal to the value of one hundred Rupees.

8. Any Licentiate in Civil Engineering who has passed the First Examination in Arts may, on paying the usual fee, be

*Any Licentiate in Engineering may proceed to the First Examination in Arts and the Bachelor of Arts Examination without completing the two years of study at an affiliated Institution, required under para. 2 of the B. A. Regulations.

admitted to the degree of Bachelor in Civil Engineering without further Examination.

HONORS.

1. An Examination for Honors in Civil Engineering shall be held annually in Calcutta, commencing in the first week of June.

2. Any Candidate who has passed the Examination for the degree of Bachelor in Civil Engineering or for a Licence in Civil Engineering may be examined for Honors.

3. Every Candidate for Honors shall send his application to the Registrar, at least fourteen days before the date fixed for the commencement of the Examination.

4. The Examination shall be written and oral.

5. Every Candidate shall be examined in the following subjects:—

I. Mathematics.
II. Mechanical Philosophy.
III. Natural and Experimental Science.
IV. Construction.
V. Geodesy.

I.—Mathematics.

Spherical Trigonometry, as applied to Geodesy.
Descriptive Geometry.

II.—Mechanical Philosophy.

Central Forces.
Rotation and Oscillation of Bodies. Centrifugal Forces.
Motion of Fluids.
Geometrical Optics.
The Elements of Astronomy, and its application to Geodesy.

III.—Natural and Experimental Science.

Heat—with reference to Steam and Combustion.

Chemistry—as applied to Cements and preservation of Materials.

Practical application of Electrical Science.

General principles of Geology and Mineralogy, and their applications to Engineering.

IV.—Construction.

Practice of Building.

Theory and practice of Bridge-Building.

Roads and Railways.

Hydraulic Works.

Equilibrium of Structure, Theory of Machines, with special reference to the Steam Engine.

Principles of Design.

V.—Geodesy.

Surveying.

Topographical drawing.

6. The Candidate's qualifications shall be tested by written papers on the first three and fifth subjects and by written papers and *vivâ voce* Examination on the fourth subject.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the successful Candidates arranged in order of merit.

MASTER IN CIVIL ENGINEERING.

1. No special Examination shall be held, but any person who has graduated as B. C. E. and has at any time passed the Honor Examination may be admitted to the Degree of Master in Civil Engineering without examination, provided that—

(1.) Two members of the Faculty of Engineering or two Masters in Civil Engineering shall testify to the satisfaction of

the Syndicate that, since graduating, he has practised his profession with repute for four years, and that in habits and character he is a fit and proper person for the Degree of Master.

(2.) He shall produce an Essay approved by the President of the Faculty of Engineering for the time being, on some subject connected with Engineering.

2. A fee of Rupees one hundred shall be payable for the Degree of Master in Civil Engineering. No Candidate shall be admitted unless he have previously paid this fee to the Registrar.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 11.

The 26th February.

Present :—

THE HON'BLE THE VICE-CHANCELLOR.
THE REV. J. MULLENS, D. D.
W. S. ATKINSON, ESQ., M. A.
J. FAYRER, ESQ., M. D.
CAPT. WILLIAMS.

104. Read applications for the affiliation of the following Educational Institutions.

Metropolitan Institution, Calcutta.
Lahore College.
Lahore Mission School.

RESOLVED :—

That the consideration of these applications be postponed until the next meeting, when new rules for affiliation will be prepared.

105. The Registrar reported that subjects of Examination in Languages were required for the Examinations of 1866 and 1867.

RESOLVED :—

That the following gentlemen be requested to form a permanent Sub-Committee for selecting subjects of Examination in Arts.

The Lord Bishop of Calcutta, *President.*
Capt. W. N. Lees, LL. D.
J. Sutcliffe, Esq., M. A.
W. S. Atkinson, Esq., M. A. } *Ex-officio.*
E. B. Cowell, Esq., M. A.
The Rev. K. M. Banerjee.

106. Read an extract from the Minutes of Senate No. 3, para. 103, approving with certain alterations, the Revised Code of Regulations in Law, Medicine and Engineering.

RESOLVED :—

That the Revised Code of Regulations, as approved by the Senate, be forwarded with the following letter for the approval of His Excellency the Governor-General in Council.

No. 1079.

FROM H. SCOTT SMITH, ESQ.
Registrar, Calcutta University.
TO E. C. BAYLEY, ESQ.
Secretary to the Government of India,
Home Department.
Calcutta, the February, 1864.

SIR,—I have the honor, by direction of the Vice-Chancellor and Syndicate, to forward for the consideration and approval of His Excellency the Governor-General in Council, a revised Code of Regulations, which have been prepared by the Senate for examinations in Law, Medicine and Engineering.

The following are the particulars in which the Revised Regulations differ from the Regulations now in force.

1. The wording of the regulations for Licences in all the Faculties has been altered, so as to mark more clearly than heretofore, the subordinate position which Licentiates are intended to hold in the University.

2. The Degree of Bachelor has been constituted in the Faculties of Medicine and Engineering.

3. Verbal alterations or slight differences in the standards of examination.

On none of these points have the Senate recorded their reasons. The explanations which I am now directed to give, have been collected by the Vice-Chancellor and Syndicate from the discussions which the Revised Regulations have received in the Senate and in the professional Faculties.

As regards the first, it has been felt that the Degree of Licentiate should have been differently constituted. The intention was to provide examinations which, without aiming at any high scientific knowledge, would provide a reasonable professional qualification for those persons who might be indisposed to compete for the higher degrees of the University. Such qualifications are not generally granted by the Universities of the United Kingdom; but are left to other corporate bodies, such as the Inns of Court, and the schools of Medicine and Engineering. In this country, however, since the establishment of the University, the power to grant professional qualifications has been withdrawn from the professional Colleges, and it would appear to be intended, at all events for the present, that the University should be the chief examining body.

It became therefore incumbent on the Senate to provide examinations that would test average professional attainments, and with this view the Licentiate Degrees were originally established. It was however never intended that these Examinations should be permanent. It is to be expected that a time will come when all necessity for them will cease and when professional graduates will be also graduates in Arts. In the meantime the Senate are willing to grant Licences, but they think it right to draw a marked distinction between Licentiates and Graduates in the professional Faculties. They are of opinion, that in the present state of education in India, justice to

the professional students requires that a Degree in Arts or a high scientific education should not be conditions of mere professional practice; while on the other hand, they consider it would be unbecoming on the part of the University to lower the standard of Degrees, either in Arts or in the professional Faculties, so as to meet the requirements of the class of persons, for whom the Licentiate degrees have been established.

With a view to reconcile such difficulties, the Revised Regulations have been so framed as to assign to the Licentiates a mere professional Licence. The qualifications on which the Licence is granted are not materially different from those formerly in force.

The proposal to constitute the Degree of Bachelor in the Faculties of Medicine and Engineering is a necessary consequence of the altered position of the Licentiates. A lower degree will still be required in those Faculties, and it has seemed to the Senate desirable that the title should be Bachelor.

It will be seen that the same Professional qualifications are required from the Bachelor and the Licentiate in the Faculties of Law and Engineering, while in the Faculty of Medicine, they are slightly higher for the Bachelor. The qualifications for the Licence in Medicine and Surgery are however such as to place it on an equality with the Licences of the Colleges of Surgeons, Physicians, and Apothecaries in England.

The verbal alterations and slight differences in the standards of examination are not of a nature to require separate explanation.

I have the honor to be,
Sir,
Your most obedient Servant,

Registrar.

107. Read the following letter from the Under-Secretary to the Government of India.

No. 1298.

Dated Fort William, the 24th February, 1864.

Home Department, Education.

SIR,—I am directed to acknowledge the receipt of your letters No. 1031 dated the 12th of January and No. 1056 dated 11th Instant, and in reply to intimate that under Section 8 of Act II. of 1857 the Governor-General in Council is pleased to approve of the Code of Revised Regulations prepared by the Senate of the Calcutta University for Examinations in Arts.

I have, &c.,

(Signed) J. W. S. WYLLIE,

Under-Secy. to the Govt. of India.

RESOLVED :—

That the Revised Regulations in Arts be published in the Calcutta Gazette with effect from the 1st May, 1864.

108. The following bills of Contingencies were passed.

To Government Electric Telegraph Office, ...Rs.	14	6	0
„ Messrs. F. W. Browne & Co. for hire of Chairs,	4	1	0
„ Expenses incurred in the office during the month, ...	8	4	0
Total Rupees,	26	11	0

H. SCOTT SMITH,

Registrar.

(Confirmed)

HENRY S. MAINE,

Vice-Chancellor.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 12.

The 3rd March.

(In Circulation.)

109. Reports of the Examiners on the Result of the late M. A. degree Examination.

RESOLVED :—

That the reports be confirmed, and the names of the successful candidates, hereto appended, be gazetted.

M. A. Degree.

In alphabetical order.

Gooroo Prosaud Sen, ... In History.
Nobin Kissen Mookerjee, ... Ditto.
Troilokho Nauth Mitter,..... In Mathematics.

H. SCOTT SMITH,
Registrar.

MINUTES

OF

THE FACULTY OF ARTS.

FOR THE YEAR 1863-64.

No. 5.

The 8th March.

Present :—

THE LORD BISHOP, *President.*
THE REV. MR. OGILVIE.
THE REV. DR. MULLENS.
BABOO RAMGOPAL GHOSE.
MR. SUTCLIFFE.
MR. ATKINSON.
RAJAH KALLY KISSEN BAHADOOR.
MR. MCCRINDLE.
COWAR HURENDRA KISSEN.

110. The Faculty proceeded to elect a President and members of the Syndicate for the next official year; also a member of the Syndicate for the remainder of the present year in place of the Lord Bishop, who, having been absent from Calcutta for a longer period than three months, had under para. 4 of the Bye-Laws relating to the Syndicate, ceased to be a member.

RESOLVED :—

That the Lord Bishop be elected President of the Faculty for the year 1864-65.

2. That the Lord Bishop, Dr. Mullens and Mr. Sutcliffe, be elected members of the Syndicate for the same year.

3. That the Lord Bishop be re-elected a member of the Syndicate for the remainder of the present year.

Proposed by the Lord Bishop and carried:

That a representation be made to the Syndicate that para. 4 of the Bye-Laws relating to the Syndicate has been found inconvenient in practice, and suggesting an alteration, empowering the President of the Faculty to nominate an acting member during the temporary absence from Calcutta of any member; and if a member should be absent from Calcutta for more than three months, empowering the Vice-Chancellor to declare his place vacant, if thought expedient.

111. Read the following report from the Sub-Committee appointed to select subjects of Examination in Sanscrit.

To

H. SCOTT SMITH, Esq.

Registrar of the Calcutta University.

Sir,

In accordance with your intructions in your letter of the 30th ultimo, we beg to forward our recommendations as to the M. A. Course in Sanscrit. We forward this part of our report separately, as we have not yet decided on the Courses for the earlier Examinations, and there seemed to be a more immediate need for the M. A Course, as a student has announced his intention of presenting himself as a Candidate next year.

We remain,

Sir,

Your most obediently,

EDWARD B. COWELL,

ISHUR CHUNDER SURMA,

K. M. BANERJEA.

Calcutta, February 16th, 1864.

M. A. COURSE IN SANSCRIT.

Kálidása,—'Sakuntalá and Meghadúta.
Bhavabhúti,—Víracharita and Uttararáma Charita.
'Súdraka,—Mrichchhakati.
Vána Bhatta,—Kádambarí.
Bháravi,—Kirátárjuníya, I.—IV. XI.—XIV.
Mágha,—S'ísupálavadha, I.—VI. XII.—XVI.
S'ríharsha,—Naishadha Charita, I.—V. IX.—XII. XVII.
Mammatha Bhatta,—Kávyaprakásá.
Víswanátha Panchánana,—Bháshá Parichcheda and Siddhánta Muktávali.
Váchaspati Mísra,—Tattwa Kaumudí.
Pánini,—Káraka,—Samása,—as in the Siddhánta Kaumudí of Bhattoji Díkshita.

EDWARD B. COWELL,
ISHUR CHUNDER SURMA,
K. M. BANERJEA.

RESOLVED :—

That the recommendation of the Sub-Committee be adopted.

H. SCOTT SMITH,
Registrar.

(Confirmed)
G. E. L. CALCUTTA,
President.

MINUTES

OF

THE SENATE,

FOR THE YEAR 1863-64.

No. 4.

The 11th March.

Present:—

THE HON'BLE THE VICE-CHANCELLOR.

THE HON'BLE THE LIEUT.-GOVERNOR OF BENGAL.
THE RIGHT REV. THE LORD BISHOP OF CALCUTTA.
THE HON'BLE H.B. HARINGTON.
THE HON'BLE W. GREY.
DR. MOUAT.
MAULAVI MOHOMED WUZEEH.
BABOO RAMGOPAL GHOSE.
MR. SUTCLIFFE.
CAPT. WILLIAMS.
MAJOR CHESNEY.
THE VENERABLE ARCHDEACON PRATT.
MR. ATKINSON.
MR. COWELL.
THE REV. K. W. BANERJEE.
MR. BEAUFORT.
MR. MACPHERSON.
THE HON'BLE W. S. SETON-KARR.
MR. MONTRIOU.
DR. FAYRER.
DR. CHEVERS.
MR. PARTRIDGE.
MR. SCOTT SMITH.
COL. DURAND.
MR. LUSHINGTON.
RAJA KALLY KISSEN BAHADOOR.
MR. MCCRINDLE.
BABOO ROMA NATH TAGORE.
MAULAVI ABDOOL LUTEEF KHAN BAHADOOR.
BABOO RAJENDER LALL MITTER.
DR. CHUCKERBUTTY.
LIEUT.-COL. BEADLE.
DR. ANDERSON.
KUMAR HARENDRA KRISHNA.

112. The undermentioned persons, declared by the Board of Examiners qualified for Degrees, were admitted in the usual form.

M. D. Graduates, 1863.

Juggobundu Bose.
Mohender Lall Sircar.

M. A. Graduates, 1864.

Gooroo Prosaud Sen.
Troylokho Nath Mitter.
Nobinkissen Mookerjee.

B. L. Graduates, 1864.

Boycunto Nath Sen.
Bhobany Churn Dutt.
Nursing Chunder Mitter.
Goopee Nath Banerjee.
Sree Canto Mullick.
Shoshe Bhooshun Mookerjee.
Roby Chunder Gangoolly.
Cally Prosunno Mookerjee.
Peary Mohun Mookerjee.
Koylash Chunder Mookerjee.
Poresh Nath Banerjee.
Debendro Lall Bose.
Anuntoram Ghose.
Duckhyna Prosaud Bose.
Jogeshur Mookerjee.
Troylokho Nath Mitter.
Khetter Poosaud Mookerjee.
Judoo Nath Chatterjee.

B. A. Graduates, 1864.

Gooroo Dass Banerjee.
Grish Chunder Mitter.
Nilambur Mookerjee.
Herumbo Lall Goshamy.
Shib Chunder Chatterjee.
Hurry Narion Roy.
Euckhy Narion Dass.
Kannoy Lall Mookerjee.
Otool Chunder Mullick.
Mohendro Lall Mitter.
Prosunno Chunder Roy.
Modhusudun Roy.
Baney Madub Mitter.
Money Lall Sandel.
Brito, C.
Mutty Lall Dey.
Bulloram Mullick.
Radha Kristo Sen.
Chunder Naryn Sing.
Raj Coomar Surbodhicarry.
Forbes, A. H.
Sham Lall Halder.
Gobendo Chunder Seal.
Simmons, W. J.
Grish Chunder Chuckerbutty.
Denno Nath Mookerjee.

The Hon'ble the Vice-Chancellor then addressed the Senate and Graduates as follows:—

GENTLEMEN,

Those Members of the Senate who have been connected with our University since its foundation, will not be surprised if, in what I have to say to you, I depart in some degree from the addresses of former Vice-Chancellors. I have obtained from the Registrar copies of those addresses, so far as they have been reported, and I see that they are principally devoted to explaining to the Native Students, and through them to the Natives of India generally, what is the nature of a University, and to impressing on them the value of the distinctions it confers. It is not, I think, necessary to dwell any longer on those topics; indeed I am not sure that more harm than good would not be done by my dwelling on them. There is now more evidence than enough that our University has taken root. I have seen it stated that the increase in the numbers of the older English Universities is about 6 per cent.; but the increase of the University of Calcutta is no longer expressed by taking a percentage; it is not even expressed by saying that our numbers have doubled or trebled. The number of entrances has positively sextupled since the foundation of the University six years ago, which is a rate of growth never seen out of the tropics. Gentlemen, it is easy to be wise after the event; but I think I could have predicted this. Knowing as I do how deeply the taste for University distinctions penetrates even in England, although there it has to compete with the almost infinitely varied and multiplied forms which English enterprise assumes, I think I could have foreseen that a society like the native society of Bengal—a society whose faults no less than its excellencies lie on the side of mental acuteness, and which from its composition and circumstances has comparatively few facilities for the exercise of activity—I could have foreseen that such a society could be stirred to its inmost depths by an

institution which conferred visible and tangible rewards on the early and sometimes, it is to be feared, the precocious display of intellectual ability. What now remains to be done is not so much to stimulate the ambition which seeks to gratify itself by a University degree or honour, as to make provision that those honours and degrees are really the symbols and the witnesses of solid acquirements. My predecessors have, I see, striven to bring out the points of similarity between this University and the Universities of England. We should merely be imitating their external and temporary characteristics if we omitted to follow them in that one characteristic which has redeemed all their shortcomings—the thoroughness of their tests and the conscientiousness of their teaching. It would be vain to deny—and I am sure that I do not care to deny—that Oxford and Cambridge have in time past been guilty of many faults both of omission and of commission. They have failed to teach much which they ought to have taught, and taught much which they ought not to have taught; but whatever they did teach, they have taught with a stern and severe completeness. Their weak side has been intolerance of new subjects of thought; their strong side has been their intolerance of superficiality It is this direction, I am sure, which all our future efforts—the efforts both of the University and of all the Colleges affiliated to it—ought to follow; and this direction has, I am happy to say, been in fact followed in those alterations of our course to which the Senate has recently given its sanction—alterations of which the principal credit belongs, as I am sure all associated with him will allow, to my immediate predecessor Mr. Erskine. One great step forwards has been made in the substitution—of course the partial and gradual substitution—of classical languages for vernacular or spoken languages, as subjects of examination. I will not trouble you with all the grounds on which this reform is justified. If you wish to understand them thoroughly, I commend you to the published writings of the accomplished scholar—whom I am proud to call my friend—who is Vice-

Chancellor of the University of Bombay. But all here present must, I think, see that, independently of the difficulty of examining in languages many of which have no true literature, which have only a factitious literature, a literature of translations—you must see what a premium is placed upon flimsiness in knowledge when a young man is examined in a spoken dialect, which is picked up, half unconsciously, in conversation and by the ear, against another young man who is examined in one of those classical languages which, before they are mastered, bring out the strongest powers of the memory and the reason. There is really nothing in common between the linguistic attainments of a student who passes or obtains honours in Greek, or Sanscrit, or Arabic, and those of one who passes in Burmese or Oorya, or—for this is, to a certain extent, true of those languages—even in Bengali or Hindustani. I have spoken of superficiality as our great danger. But do not suppose that I am insinuating anything with respect to the actual performances of the students. The Registrar has furnished me with some samples of the papers which contain the answers. My impression, which coincides, I believe, with that of the examiners, is that, in those subjects in which high proficiency may reasonably be expected, the evidence of industry, quickness and clearness of head, is not very materially smaller than the proof of similar qualities furnished by a set of English Examination papers. Superficiality will to some extent form part of the results of every Examination, but I cannot conscientiously say that I have seen much more of it here than in the papers of older Universities. And now, as I am on this topic, I will observe that there is one characteristic of these papers which has struck me very forcibly. It is the extraordinary ambition of the Native Student to write the best—perhaps I should rather say the finest—English. In some cases the attempt has been singularly successful; in others it has failed, and I think I may do some good to the Native Students present if I say why I consider it has failed. It has

failed, then, because the attempt has been too consciously and deliberately made. Of course I do not forget that these Students are writing in a foreign tongue, and that their performances are justly compared only with those Latin themes which some of the gentlemen around me have written in their youth. But on the other hand, the English of a Bengali lad is acquired for permanent and practical purposes, to be written and spoken to, and among those who have written and spoken it from their infancy. Under such circumstances, English can only be well written by following the golden rule which Englishmen themselves follow or ought to follow, and that rule is never to try deliberately to write it well. Depend upon it, no man ever wrote well by striving too hard to write well. What you should regard, is not the language but the thought, and if the thought be clearly and vividly conceived, the proper diction, if the writer be an educated man, will be sure to follow. You have only to look to the greatest Masters of English style to satisfy yourselves of the truth of what I have said. Take the first illustration which always suggests itself to an Englishman, and look at any one page of Shakespeare. After you have penetrated beneath the poetry and beneath the wit, you will find that the page is perfectly loaded with thought; and so, you may depend upon it, it will always be at all times and with all writers. The more you read, the more convinced will you be that the finest fancies are formed, as diamonds are said to be formed, under the pressure of enormous masses of thought. The opposite process, that of trying to bring in at all hazards some favourite phrase or trick of language, will only lead you to a spurious and artificial result. I have said so much as this, because what I have read and heard leaves me no doubt that the accomplishment of writing good English is something which lies very near to the heart of the Native Students. I have now to address myself to matters which are of equal interest to all of us—to the events which have marked the history of the University during the year. The most conspicuous of these

events is the calamity which deprived us of our Chancellor, as it did India of its Viceroy. Gentlemen, I am very sensible that, in speaking to the Members of the University of Lord Elgin, I must use the same language which all who were associated with him are obliged to use of his government of India—that he died too soon for much visible proof to be given of the good intentions of which his heart was full. What I have to say of him with more particular relation to the University, I will postpone for a moment or two, and I pass to another incident of the year's history, of which I could almost be contented to say that no heavier blow has fallen on the University since its foundation—I mean the final departure from India of our colleague, Dr. Duff. It would be easy for me to enumerate the direct services which he rendered to us by aiding us, with unflagging assiduity, in the regulation, supervision, and amendment of our course of study; but, in the presence of so many Native Students and Native Gentlemen who viewed him with the intensest regard and admiration, although they knew that his every-day wish and prayer was to overthrow their ancient faith, I should be ashamed to speak of him in any other character than the only one which he cared to fill—the character of a Missionary. Regarding him, then, as a Missionary, the qualities in him which most impressed me—and you will remember that I speak of nothing except what I myself observed—were first of all his absolute self-sacrifice and self-denial. Religions, so far as I know, have never been widely propagated, except by two classes of men—by conquerors or by ascetics. The British Government of India has voluntarily (and no doubt wisely) abnegated the power which its material force conferred on it, and, if the country be ever converted to the religion of the dominant race, it will be by influences of the other sort, by the influence of Missionaries of the type of Dr. Duff. Next I was struck—and here we have the point of contact between Dr. Duff's religious and educational life—by his perfect faith in the harmony

of truth I am not aware that he ever desired the University to refuse instruction in any subject of knowledge, because he considered it dangerous. Where men of feebler minds or weaker faith would have shrunk from encouraging the study of this or that classical language, because it enshrined the archives of some antique superstition, or would have refused to stimulate proficiency in this or that walk of physical science, because its conclusions were supposed to lead to irreligious consequences, Dr. Duff, believing his own creed to be true, believed also that it had the great characteristic of truth—that characteristic which nothing else except truth possesses—that it can be reconciled with every thing else which is also true. Gentlemen, if you only realize how rare this combination of qualities is—how seldom the energy which springs from religious conviction is found united with perfect fearlessness in encouraging the spread of knowledge, you will understand what we have lost through Dr. Duff's departure, and why I place it among the foremost events in the University year. The next incident I have to advert to, in relation to the University of Calcutta, is not a fact, but the contrary of a fact. Most of you have heard of the munificent donations which have been made to the University of Bombay by the native community of that Presidency. I am sorry to have to state that there is nothing of the kind to record of Calcutta. I do not mean to say anything harsh when I declare that our position, in regard to the natives of Bengal, is one of perpetually giving and never taking—of always conferring and never receiving. We have sextupled our students, but it is humiliating to have to state that the only assistance accruing to the higher education in Bengal from any quarter, except the Government, has consisted in the right to share in a fund for the encouragement of legal studies, created by a Bombay gentleman. Of course, gentlemen, I cannot pretend to be ignorant of the cause of this. It comes from the bad habit of looking to the Government as the sole natural author of every

public benefit; and, permit me to say, that the European portion of society appear to me a little under the influence of the same error which seems to stint the liberality of the natives. Some people appear to think that the University will never have attained a footing of respectability, until we are lodged in the building which has been promised to us. I shall be glad when we get that building, and I hope we shall get it; but except for its mere material convenience, I shall attach the very smallest importance to it. It is not public money, or the results of public money, that we should care to obtain. Depend upon it, the vitality of a University is proved not by the amounts which, by begging or bullying, it can extract from the guardians of the public purse; it is proved by those benefactions which are the natural payment of society for the immense benefits which it receives through the spread of education. Look to our two great English University towns. They are absolutely constructed of the monuments of private liberality; even the kings and queens who built some of their most magnificent structures, built them from their private resources, and not, as an Indian Ruler must always do, out of the taxes, paid to a great extent as taxes always must be, by the poorest of the poor. Yet, gentlemen, I think that if ever there was a country in which we might expect the wealthier classes to have the ambition of perpetuating their names by University endowments, it is India. There seems to me to be no country--I speak, of course, of native gentlemen—in which men look so far forward or so far backward—in which men so deliberately sacrifice their lives to the consideration of what their ancestors have done before them, and of what their descendants will do after them. Now, gentlemen, I may surprise some of you by saying this; but it is my fixed opinion, that there is no surer, no easier, and no cheaper road to immortality, such as can be obtained in this world, than that which lies through liberality expending itself in the foundation of educational endowments. I turn again to the older English Universities—which I mention so often be-

cause I know them best. If you could transport yourselves to Oxford or Cambridge, you would hear ringing in your ears the names of hundreds of men whose memories would have perished centuries ago if they had not linked them to the Universities by their benefactions. I will give you an example. After you pass out of the gate of my own College at Cambridge, you have before you one of the most famous, one of the most beautiful, one of the most useful of University foundations. It is called Caius College, and it is the chief school of medicine in the University. Who was Caius, the founder? I will not say that he was an entirely obscure man—that would be unjust to his memory—but he was a man, a successful physician, who would have been thoroughly well forgotten, if he had not so bestowed a part of his wealth that his name is daily in the mouth of hundreds, it may be thousands, of the educated youth of England. That is only one instance. Oxford and Cambridge, however, are full of them; colleges, scholarships, exhibitions, prizes, each of them is associated with some name, which, but for the association, would have fallen into oblivion long since, but which, as it is, is stamped upon the memory of multitudes just at the period of life when the impressions received are practically ineffaceable. It may almost be said that a founder of University endowments obtains for himself a new family. I have been told that there are in India certain companies of Hindoo ascetics—some of them largely endowed—where the descent and the title to the property are traced, not from father to son, but from disciple to disciple. The records of an English College exhibit just this sort of genealogical tree. The Collegiate society forms a perpetually renewed family, and no family was ever prouder of its ancestors. Indeed, it sometimes happens that men of no mean birth almost prefer this pedigree to their own. I will mention one of them—the late Viceroy of India. Lord Elgin was, as you know, the descendant of the most famous king in the line of Scottish kings, and yet I doubt whether he was prouder of this great ancestry, or prouder

of any of his successes in Government or policy, than of the honour which he obtained in his youth when he was elected a Fellow of Merton College at Oxford. Gentlemen, I have now a very few words more to say, and these shall be addressed to those for whom this Meeting is principally intended—the native students who have just taken their degrees. As I stated when I began, I do not think that the taste of the native youth of Bengal for intellectual knowledge requires to be much stimulated; there are too many motives at work to encourage it; still there is one motive which I will dwell upon for a moment, because, if it were properly appreciated, it would at once be the strongest and the most legitimate inducement to exertion. Probably, if we could search into the hearts of the more refined portions of the native community, we should find that their highest aspiration was to be placed on a footing of real and genuine equality with their European fellow-citizens. Some persons have told them that they are equal already, equal in fact as they undoubtedly are before the law. Most of you have heard of one remarkable effort which was made to establish this position. A gentleman, who was then a member of the Government of India, Mr. Laing, went down to the Dalhousie Institute, and, in a Lecture delivered there, endeavoured to popularize those wonderful discoveries in philological science which have gone far to lift the hypothesis of the common parentage of the most famous branches of the human family to the level of a scientific demonstration I do not know that anybody was ever more to be admired than Mr. Laing for that act of courage, for I know how obstinate were those prejudices which he sought to overthrow, and to what a height they had risen at the moment when he spoke. The effect produced by his lecture on the Aryan race must have been prodigious, for I am sure I scarcely see a single native book or newspaper which does not contain some allusion to Mr. Laing's argument. Yet, gentlemen, although what Mr. Laing then taught, is truth, nothing can be more certain than that it is barren truth.

Depend upon it, very little is practically gained by the native when it is proved, beyond contradiction, that he is of the same race with the Englishman. Depend upon it, the true equality of mankind lies, not in the past, but in the future. It may come—probably will come—but it has not come already. There are some, who, like our late colleague, Dr. Duff, believe that the time will arrive, when all men in India will be equal under the shadow of the same religious faith. There are some—more perhaps in number—who look forward to a moral equality, who hope and expect that there will be a period when everybody in India will subscribe to the same moral creed, and entertain the same ideas as to honour, as to veracity, as to the obligation of promises, as to mercy and justice, as to that duty of tenderness to the weak which is incumbent on the strong. But those epochs are still distant, one probably much more distant than the other. Meantime the equality which results from intellectual cultivation is always and at once possible. Be sure, gentlemen, that it is a real equality. No man ever yet genuinely despised, however he might hate, his intellectual equal. In Europe, the only community, which, so far as I see, is absolutely undivided by barriers of race, of nationality, of prejudice, of birth and wealth, is the community of men of letters and of science. The citizens of that Republic have before now corresponded with each other and retained their friendships, while the deadliest wars were separating their fellow-countrymen. I have heard that they are even now corresponding in the midst of the bloody conflict which desolates America. The same influences which can overpower the fierce hatreds bred by civil war can assuredly beat down the milder prejudices of race and colour, and it is as fountains of such influences that I believe the Universities will count for something, if they do count for anything, in the history of British India.

H. SCOTT SMITH,
Registrar.

(Confirmed)
HENRY S. MAINE,
Vice-Chancellor.

MINUTES

OF

THE FACULTY OF LAW,

FOR THE YEAR 1863-64.

No. 5.

The 23rd March.

Present :—

THE HON'BLE H. S. MAINE, *President.*
MR. BEAUFORT.
THE HON'BLE A. G. MACPHERSON.
MAULAVI ABDOOL LUTEEF KHAN BAHADOOR.

112. The Faculty proceeded to elect a President of the Faculty and a Member of the Syndicate for the year 1864-65.

RESOLVED :—

That the Hon'ble H. S. Maine be elected President and Mr. Beaufort Member of the Syndicate.

H. SCOTT SMITH,
Registrar.

(Confirmed)
HENRY S. MAINE,
President.

MINUTES

OF

THE SYNDICATE,

FOR THE YEAR 1863-64.

No. 13.

The 28th March.

Present :—

THE HON'BLE THE VICE-CHANCELLOR.
THE LORD BISHOP OF CALCUTTA.
DR. MULLENS.
MR. BEAUFORT.
MR. ATKINSON.
DR. FAYRER.

113. Read applications from two candidate Bachelors, who had been unable to attend the late Convocation, for diplomas of their degrees.

ORDERED :—

That the applications be granted and that the diplomas be given through the Secretary to the Local Committee of Public Instruction of the district in which the candidates reside.

114. With reference to Minutes of the Syndicate No. 10, para. 101, read replies to a circular issued to heads of affiliated Institutions to ascertain how far they comply with the spirit of the rules for affiliation.

RESOLVED :—

That the following rules for affiliation be adopted in place of those now in force; and that a copy be forwarded to Capt. Lees as further reply to his letter, No. 560, dated 30th January.

RULES FOR AFFILIATION.

1. Institutions or departments of Institutions may be affiliated for Law, Medicine, Civil Engineering, and for the B. A. Degree.

2. The power of affiliating rests with the Syndicate, to whom all applications for affiliation must be addressed through the Registrar.

In the case of a Government Institution, application must be made by the Director of Public Instruction or other Chief Educational officer of the province in which the Institution is situated.

In the case of any other Institution, application must be made by the chief controlling authority of such Institution.

Every application must be countersigned by two Members of the Senate, and if thought necessary in the case of distant Institutions, by the Secretary to the Government of the Province in which the Institution is situated.

3. The application must contain :—

(*a.*) A declaration that the Institution has the means of educating up to the standard under which it desires to be affiliated.

(*b.*) A statement shewing the provision made for the instruction of the students up to the same standard.

(*c*) Satisfactory assurance that the Institution will be maintained on the proposed footing for 5 years at least.

4. The Syndicate may, at any time, withdraw the privilege of affiliation from any Institution.

115. Read applications for affiliation from the following Institutions.

Metropolitan Institution, Calcutta.
Lahore College.
Lahore Mission School.
St. Stephen's College, Delhi.
Thomason College, Roorkee.
General Assembly's Institution.

RESOLVED :—

That the applications be returned with a copy of the new rules for affiliation, and a request that fresh applications in accordance with these rules, be submitted.

Read an extract from the proceedings of the Faculty of Arts, (Minutes, No. 5, para. 110) recommending an alteration in para. 4 of the Bye-Laws relating to the Syndicate.

RESOLVED :—

That an amended Bye-Law, in the following form, be forwarded for the consideration of the Senate.

"All members of the Syndicate must be resident in or near "Calcutta. If any member be temporarily absent from Calcutta, "the President of his Faculty may appoint a member to officiate "during his absence. Should the period of absence exceed three "months, the Vice-Chancellor may declare his place vacant."

116. Read a letter from the Registrar suggesting such an alteration in para. 1 of the Bye-Laws relating to the Registrar, that the Registrar shall be always appointed at the Annual Meeting of the Senate.

RESOLVED :—

That an amended Bye-Law, in the following form, be forwarded for the consideration of the Senate.

"The Registrar shall be appointed by the Senate at the An- "nual Meeting. He shall be appointed for two years only, but "at the end of every such term he may be re-appointed. The "term of office of the Registrar shall commence on the first of "May next following his election. If a vacancy occur in the "office of the Registrar between two Annual Meetings of the

"Senate, the Syndicate shall appoint a person to officiate as "Registrar until the next first day of May."

117. Read an extract from the proceedings of the Faculty of Arts, (Minutes, No. 5, para. 111) recommending subjects of Examination for Honors in Sanscrit.

RESOLVED :—

That the recommendation of the Faculty be adopted.

118. A report of the Syndicate on the business of the year was read, approved, and ordered to be submitted to the Senate at the Annual Meeting.

119. The Syndicate proceeded to appoint Examiners in Arts and Engineering for the Examinations of 1864-65.

RESOLVED :—

1. That Capt. Lees be requested to examine in Urdu, Persian and Arabic; and in the event of his not consenting, that Capt. Fuller be requested to nominate an Examiner.

2. That the remaining Examiners be as follows :—

B. A. AND FIRST EXAMINATION IN ARTS.

English.

W. L. Heeley, Esq. B. A. — Rev. W. C. Fyfe.

Bengali.

Rev. J. Wenger. — Baboo Kisto Comul Bhuttacharjee, M. A.

History.

W. Grapel, Esq. M. A. — S. Lobb, Esq.

Mathematics and Natural Philosophy.

R. Thwaytes, Esq. B. A. — T. Martin, Esq. B. A.

Mental and Moral Science.

J. Sanders, Esq. — J. W. McCrindle, Esq.

Physical Science.

S. B. Partridge, Esq. — T. H. Blanford, Esq.

ENTRANCE EXAMINATION.

English.

Rev. J. Graves. Rev. W. Sampson.
C. W. Hatten, Esq. G. Bellett, Esq.

Bengali.

Rev. J. Robinson. Rev. Lall Behary Dey.
Babu Raj Kristo Banerjea. Baboo Hurry Nath Surma.

History and Geography.

J. Stephenson, Esq. M. A. J. S. Rees, Esq.
P. Hordern, Esq. Rev. E. Storrow.

Mathematics.

J. Sutcliffe, Esq. M. A. Rev. K. S. Macdonald.
H. Scott Smith, Esq. B. A. Rev. W. Johnson, B. A.

B. A. FIRST AND ENTRANCE EXAMINATION.

Greek and Latin.

W. L. Heeley, Esq. B. A. Rev. J. Trafford.

Sanscrit, Hindi and Oorya.

Rev. K. M. Banerjee.

Engineering.

Capt. E. C. S. Williams. T. Martin, Esq. B. A.

H. Scott Smith, Esq. B. A.

120. Read the following letter from Capt. Fuller, Director of Public Instruction in the Punjab.

No. 240.

Dated Lahore, February 24th, 1864.

SIR,

The Rules for bestowing Government grants-in-aid on private schools in the Punjab are now under revision and there seems to be a general feeling among the managers of such schools, that they should be allowed the option of obtaining Government grants according to the number of scholars they can pass each year by certain educational standards.

2. The two highest of these standards will be about equivalent to those fixed by the Universities at home for Senior and Junior scholars, not being members of the Universities at the local or middle class Examinations, and it would be a great satisfaction to the managers of private schools, if some such Examinations were instituted by the Calcutta University and the grants were distributed in accordance with the results so obtained.

3. Again such Examinations would, I feel convinced, have a most beneficial effect on superior Government, as well as Aided, schools. I therefore beg that the matter may be brought to the notice of the Vice-Chancellor and Syndicate of the Calcutta University, in the hope that it may meet with their favorable consideration.

4. I am under the impression that the subject has been under discussion by the Syndicate previous to this, and that it was dropped owing to the great trouble that would be entailed by examining such large numbers of scholars, and the supposed uncertainty of any practical good resulting from it.

5. It seems to me, that both these objections may be fairly overcome. The number of Examiners will not be unmanageably large, if the number of places for holding the Examination are sufficient. They must of course be more numerous than those places appointed for the Entrance Examinations, and with a proper sub-division of the papers among several Examiners, there can be no difficulty in scrutinizing any number of papers. Again in addition to the usual advantages experienced from uniform and impartial Examinations, I have pointed out how useful and convenient they will be in determining the amount of grants to be paid on the capitation system to private Anglo-Vernacular schools.

I have, &c.,

(Signed) A. R. FULLER,

Director of Public Instruction, Punjab.

RESOLVED :—

That Capt. Fuller be informed that the Syndicate do not think it expedient to consider at present any further extension of the University Examinations.

121. Read the following letter, with enclosure from the Director of Public Instruction, Lower Bengal.

No. 1138.

Fort William, dated 19th March, 1864.

SIR,

With reference to the accompanying extract from a resolution of the Government of India in the Home Department, dated 25th February, 1864, I have the honor to request that the Syndicate be moved to favour me with the necessary information, to enable me to comply with the requisitions of Government.

2. It is desirable that the statistics relating to students who have passed the University Examinations should be so framed as to exhibit separately the number of such students drawn respectively from the several territories under the administration of different local Governments.

I have, &c.,

(Signed) W. S. ATKINSON,

Director of Public Instruction.

Extract from a Resolution of the Government of India in the Home Department, dated 25th February, 1864, *communicated for guidance to the Government of Bengal and the Director of Public Instruction.*

II.—UNIVERSITIES.

The following information should be furnished—

(1.) A list of the several Degrees for the grant of which the University provides with a brief description of the standards fixed for each.

(2.) A list of the Institutions affiliated to the University, distinguishing between those which are Government Institutions and those which are private Institutions.

(3.) A statement of the results of the Examinations held in each year since the commencement of the University in the following form :—

Years.	Entrance Examination.			B. A. Examination.			B. L. Examination.			
		Passed.			Passed.			Passed.		
	Number of Candidates.	From Government Institutions.	From private Institutions.	Number of Candidates.	From Government Institutions.	From private Institutions.	Number of Candidates.	From Government Institutions.	From private Institutions.	&c. &c.
1857-58										
1858-59										
1859-60										
&c. &c.										

(4.) A brief resume of any noticeable points in the past history or present state of the University, with remarks as to the effect which its operations are supposed to have on Education in the Presidency.

(5.) A statement of the total expenditure incurred during 1863-64 on account of the University.

H. SCOTT SMITH,
Registrar.

(Confirmed)
HENRY S. MAINE,
Vice-Chancellor.

MINUTES

OF

THE FACULTY OF MEDICINE,

FOR THE YEAR 1863-64.

No. 6.

The 29th March.

Present :—

DR. FAYRER, *President.*
DR. MACNAMARA.
DR. CHEVERS.
DR. PARTRIDGE.
DR. CHUCKERBUTTY.

124. The Faculty proceeded to elect a President of the Faculty and a Member of the Syndicate for the year 1864-65.

RESOLVED :—

That Dr. Fayrer be elected President and also Member of the Syndicate.

H. SCOTT SMITH,
Registrar.

(Confirmed)
J. FAYRER, M. D.
President.

MINUTES

OF

THE FACULTY OF ENGINEERING,

FOR THE YEAR 1863-64.

No. 5.

The 30th March.

Present :—

THE VENERABLE ARCHDEACON PRATT, *in the Chair.*
MR. SUTCLIFFE.
MR. SCOTT SMITH.

125. The Faculty proceeded to elect a President of the Faculty and a Member of the Syndicate for the year 1864-65.

RESOLVED :—

That Capt. Williams be elected President and also Member of the Syndicate.

H. SCOTT SMITH,
Registrar.

(Confirmed)
JOHN H. PRATT,
Chairman.

MINUTES

OF

THE SENATE,

FOR THE YEAR 1863-64.

No. 5.

The 15th April.

Present :—

THE LORD BISHOP, *in the Chair.*
THE REV. DR. MULLENS.
MR. SUTCLIFFE.
THE REV. K. M. BANERJEE.
MR. PARTRIDGE.
DR. MACNAMARA.
BABOO ROMA NATH TAGORE.
BABOO RAJENDER LALL MITTER.
DR. CHUCKERBUTTY.
KUMAR HURENDER KISSEN.
SYED AZEEM-OOD-DEEN HOSSEIN KHAN BAHADOOR.
BABOO JUGGODA NUNDO MOOKERJEE, ROY BAHADOOR.
MR. MARTIN.
THE REV. MR. STUART.
THE REV. MR. FYFE.
BABOO KHETTER MOHUN CHATTERJEE.
BABOO RAM CHUNDER MITTER.

BABOO PEARY CHAND MITTER.
DR. CHUNDER COOMAR DEY.

126. A report of the Syndicate, hereto appended, on the business of the official year 1863-64 was read.

RESOLVED :—

That the words " *and* 1867" be inserted in para. 7, immediately after the words " and 1866."

2. That Mr. Partridge and Baboo Juggoda Nundo Mookerjee Roy Bahadoor be elected members of the Faculty of Arts.

3. That with these alterations, the report be approved and adopted.

H. SCOTT SMITH,
Registrar.

(Confirmed)
G. E. L. CALCUTTA,
Chairman, for the Vice-Chancellor.

REPORT OF THE SYNDICATE ON THE BUSINESS OF THE YEAR 1863-64.

The usual Examinations have been held during the year in the Faculties of Arts, Law, and Medicine.

The names of the successful candidates will be found in the printed Minutes of the Syndicate.

A table is appended which shows briefly the general result and affords a comparison with the results of past years.

2. Revised Regulations in Arts, approved by the Senate at the Meeting on the 31st of August, have received the sanction of His Excellency the Governor-General of India in Council and are to take effect from the 1st of May, 1864.

Under the Revised Regulations the examination in the vernacular languages of India at the First Examination in Arts and the B. A. Examination has been discontinued and all candidates will be required to take up one of the following classical languages, Latin, Greek, Sanscrit, Hebrew or Arabic. This change is not to take effect before 1867 in the case of the First Examination in Arts, nor before 1869 in the case of the B. A. Examination.

The subjects for the B. A. Examination have been re-distributed, and certain portions have been made optional subjects of Examination. Under the present Regulations, candidates for the B. A. degree are examined in (1) Languages, (2) History, (3) Mathematics, (4) Mental and Moral Science and (5) Physical Science. Under the new Regulations the first four only of those are necessary subjects of Examination. The fifth, with some additions from the third, has been subdivided into four classes, (*a*) Geometry and Optics, (*b*) Elements of Inorganic Chemistry and of Electricity, (*c*) Elements of Zoology, and Comparative Physiology, and (*d*) Geology and Physical Geography. In addition to the necessary subjects of Examination, each candidate will in future be examined in one only of these, to be selected by himself.

Honor Examinations in languages have been constituted in Latin, Greek, Sanscrit, Hebrew, Arabic, and English for candidates whose vernacular language is not English. Under the present Regulations, Honors in languages are awarded in Latin and Greek, or in English and Arabic, or in English and Sanscrit.

3. After the Revised Regulations in Arts had been approved by the Senate and forwarded for the orders of the Government of India, the expediency of increasing the fees paid by candidates was considered by the Syndicate. It was recommended that the fee for Entrance should be Rupees 10, for the First Examination in Arts Rupees 20, and for the B. A. Examination Rupees 30. This recommendation was forwarded to the Government of India and having been embodied in the Revised Regulations, has received the sanction of His Excellency the Governor-General in Council.

4. Revised Regulations in Law, Medicine and Engineering have been framed by the Professional Faculties, approved by the Senate, and sanctioned by His Excellency the Governor-General in Council.

Under the Revised Regulations the degree of Bachelor has been constituted in the Faculties of Medicine and Engineering.

The same professional qualifications are required from the Bachelor and the Licentiate in the Faculties of Law and Engineering. In the Faculty of Medicine, the qualifications are slightly higher for the Bachelor than for the Licentiate.

The wording of the Regulations for licences in all the Faculties has been altered, so as to mark more clearly than heretofore the subordinate position which Licentiates are intended to hold in the University.

5. The large number of Candidates in the present year, more than 1300 for Entrance, has rendered it necessary, in the opinion of the Syndicate, to increase the number of Examiners in Arts from twenty-two to thirty-two. It has also been thought advisable to appoint separate Examiners for Latin and

Greek, subjects which have been hitherto left to the Examiners in English. The new Board of Examiners is thus constituted.

Entrance.

English,.....	Four Examiners.
Bengali,.....	Ditto ditto.
History and Geography, ...	Ditto ditto.
Mathematics, ...	Ditto ditto.

First Arts and B. A. Examinations.

English,.....	Two Examiners.
Bengali,.....	Ditto ditto.
History,.....	Ditto ditto.
Mathematics and Natural Philosophy,	Ditto ditto.
Mental and Moral Science, ...	Ditto ditto.
Physical Science, ...	Ditto ditto.

Entrance, First Arts and B. A. Examinations.

Greek and Latin, ...	Two Examiners.
Sanscrit, Hindi and Oorya, ...	One Examiner.
Arabic, Urdu and Persian, ...	Ditto ditto.

6. It has been thought necessary to recommend alterations in some of the Bye-Laws of such a nature (1) that the Presidents of Faculties and Members of Syndicate may be elected before the Annual Meeting; (2) that the President of his Faculty may have a power to appoint an officiating member of the Syndicate during the temporary absence from Calcutta of any Member; and (3) that the Registrar shall always be appointed at the Annual Meeting of the Senate. To effect these objects the following amended Bye-Laws are submitted for the consideration of the Senate:—

* *Faculties, para.* 4.—If any Faculty omit to elect a President before the Annual Meeting of the Senate, or, in case the office should become vacant during the year,

PRESENT BYE-LAWS.

* *Faculties, para.* 4.—If any Faculty omit to elect a President for one month after its appointment, or after a vacancy occurs the Vice-Chancellor may appoint any Member of such Faculty to be its President.

to elect a President for the rest of the year within one month after the vacancy occurs, the Vice-Chancellor may appoint any Member of such Faculty to be its President.

* *Syndicate, para.* 2.—The election both of the Presidents and the Members of the Syndicate shall take place before the Annual Meeting of the Senate, and the names of the persons elected shall be declared at such Meeting.

† *Syndicate, para.* 4.—All Members of the Syndicate must be resident in or near Calcutta. If any Member be temporarily absent from Calcutta, the President of his Faculty may appoint a Member to officiate during his absence. Should the period of absence exceed three months, the Vice-Chancellor may declare his place vacant.

‡ *Registrar, para.* 1.—The Registrar shall be appointed by the Senate at the Annual Meeting. He shall be appointed for two years only, but at the end of every such term he may be re-appointed. The term of office of the Registrar shall commence on the first of May next following his election. If a vacancy occur in the office of Registrar between two Annual Meetings of the Senate, the Syndicate shall appoint a person to officiate as Registrar until the next first day of May.

7. Certain persons who had completed their education before the establishment of the University and to whom it is an object to obtain a Degree in Arts, are debarred from appearing at the Examination for the Degree by reluctance to pass the

* *Syndicate, para.* 2 —The elections to take place within one month before the Annual Meeting of the Senate, and the names of the persons elected to be declared at such Meeting.

† *Syndicate, para.* 4.—All the elected Members of the Syndicate must be resident in or near Calcutta, and if any such Member is absent from Calcutta for more than three months, his place shall become vacant.

‡ *Registrar, para.* 1.—The Registrar shall be appointed by the Senate. He shall be appointed for two years only, but at the end of that term he may be re-appointed. If a vacancy occurs in this office between two Annual Meetings of the Senate, a Special Meeting of the Senate shall be convened for the purpose of appointing a Registrar, and in the meanwhile the Syndicate may appoint a Registrar *pro-tempore.*

lower Examinations in Arts and inability to complete the prescribed course of education at an affiliated Institution.

It appears desirable that some provision should be made for such persons. After consultation with the Faculty of Arts, the Syndicate recommend that students of Affiliated Institutions who can produce certificates from their Principals that they have studied in them a full period of four years, and finally quitted those Institutions on or before December, 1860, may be admitted to the B. A. Examinations of 1865 and 1866 on payment of the usual fee, without first passing the Entrance Examination and the First Examination in Arts.

8. The question of establishing a lower Standard of affiliation, up to the First Examination in Arts, mooted by Dr. Lees, has been considered and negatived in the Syndicate. The enquiry has however, shewn that the* present rules are in some respects defective and has led to the preparation of the following new rules which are now submitted for the approval of the Senate :—

1 Institutions or departments of Institutions may be affiliated for Law, Medicine, Civil Engineering, and for the B. A. Degree.

2. The power of affiliating rests with the Syndicate, to whom all applications for affiliation must be addressed through the Registrar.

In the case of a Government Institution, application must be made by the Director of Public Instruction or other Chief Educational officer of the province in which the Institution is situated.

* Present rules for Affiliation.

All applications for affiliation must be accompanied with :—

1. A Statement showing the present instructive staff, and the course of study in all branches during the last two years at least, provided the Institution have existed for such a period.

2. A declaration from the managers, Principal or Head master, that the Institution has the means of educating up to the Standard for the B A. degree; and such declaration, before being sent to the Registrar for the ratification of the Syndicate, must be countersigned by at least two members of the Senate.

In the case of any other Institution, application must be made by the chief controlling authority of such Institution.

Every application must be countersigned by two Members of the Senate, and, if thought necessary in the case of distant Institutions, by the Secretary to the Government of the Province in which the Institution is situated.

3. The application must contain :—

(*a.*) A declaration that the Institution has the means of educating up to the standard under which it desires to be affiliated.

(*b.*) A statement shewing the provision made for the instruction of the students up to the same standard.

(*c.*) Satisfactory assurance that the Institution will be maintained on the proposed footing for 5 years at least.

4. The Syndicate may, at any time, withdraw the privilege of affiliation from any Institution.

9. His Excellency the Governor-General in Council has been pleased to appoint the undermentioned gentlemen to be Fellows of the University.

The Hon'ble the Lieut.-Governor of the Punjab.
Lieut.-Col. J. P. Beadle, R. E.
T. Anderson, Esq., M. D.
Kumar Harendra Krishna.
The Hon'ble John Paxton Norman, M. A.
The Hon'ble L. S. Jackson, C. S.
The Hon'ble Shumbhoo Nath Pundit.
The Hon'ble George Campbell.
Syed Azeem-ood-deen Hossein Khan Bahadoor.
John McClelland, Esq., M. D.
E. C. Bayley, Esq., C. S.
The Hon'ble A. Eden, C. S.
John Strachey, Esq., C. S.
A. C. Macrae, Esq., M. D.
Hugh Macpherson, Esq. M. A.
Baboo Juggodanund Mookerjee Roy Bahadoor.

Thomas Martin, Esq., C. E.
The Rev. E. C. Stuart, B. A.
The Rev. W. C. Fyfe.
Capt. P. Dods.
Baboo Khetter Mohun Chatterjee.
Baboo Ramchunder Mitter.
Baboo Peary Chand Mitter.
Baboo Chunder Coomar Day, M. D.
Baboo Ramanauth Nundy, M. A.

10. St. Thomas' College, Colombo, has been added to the list of Affiliated Institutions.

11. Bancoorah has been added to the list of places at which University Examinations may be held.

12. The Syndicate for the coming official year is constituted as follows :—

The Bishop of Calcutta,.....
Dr. Mullens..... ..... } *Arts.*
Mr. Sutcliffe, ...
Mr. Beaufort, ... *Law.*
Dr. Fayrer,..... *Medicine.*
Capt. Williams, ... *Engineering.*

13. It is recommended that the Faculties for the coming official year be constituted as follows :—

ARTS.

President.

The Right Rev. the Lord Bishop of Calcutta.

Members.

The Hon'ble the Lieut.-Governor of Bengal.
The Hon'ble the Lieut.-Governor, N. W. Provinces.
The Hon'ble the Lieut.-Governor of the Punjab.
The Hon'ble H. B. Harington.
The Hon'ble W. Grey.
The Hon'ble H. S. Maine, LL. D.
The Hon'ble Sir Charles Trevelyan.
Prince Golam Mohamud.

W. G. Young, Esq. C. S.
F. J. Mouat, Esq. M. D.
Capt. W. N. Lees, LL. D.
The Rev. W. Kay, D.D.
T. Oldham, Esq., LL. D.
H. Woodrow, Esq. M. A.
The Rev. J. Ogilvie, M. A.
The Rev. J. Mullens, D. D.
Pundit Esher Chunder Bidyasagur.
Baboo Ram Gopal Ghose.
H. S. Reid, Esq. C. S.
J. Sutcliffe, Esq. M. A.
George Smith, Esq.
The Venerable Archdeacon J. H. Pratt, M. A.
W. S. Atkinson, Esq. M. A.
Capt. A. R. Fuller.
E. B. Cowell, Esq. M. A.
The Rev. Krishna Mohun Banerjee.
The Hon'ble W. S. Seton-Karr, C. S.
E. H. Lushington, Esq. C. S.
C. U. Aitchison Esq. C. S.
M. Kempson, Esq. M. A.
Raja Kally Kissen Bahadoor.
J. W. McCrindle, Esq. M. A.
Baboo Roma Nauth Tagore.
Baboo Rajendra Lala Mitra.
Maulavi Abdool Luteef Khan Bahadoor.
Kumar Harendra Krishna.
E. C. Bayley, Esq., C. S.
The Hon'ble A. Eden, C. S.
John Strachey, Esq., C. S.
Baboo Juggodanund Mookerjea, Roy Bahadoor.
The Rev. E. C. Stuart, B. A.
The Rev. W. C. Fyfe.
Capt. P. Dods.

Baboo Khetter Mohun Chatterjee.
Baboo Ramchunder Mitter.
Baboo Peary Chand Mitter.
Baboo Ramanath Nundy, M. A.
S. B. Partridge, Esq., F.R.C.S.L.

LAW.

President.

The Hon'ble H. S. Maine, LL. D.

Members.

The Hon'ble the Chief Justice of Bengal.
The Hon'ble C. B. Trevor.
Baboo Prosano Coomar Tagore.
Maulavi Mohomud Wuzeeh.
W. Theobald, Esq.
J. Nowmarch, Esq.
F. L. Beaufort, Esq.
The Hon'ble A. G. Macpherson.
J. Goodeve, Esq.
W. A. Montriou, Esq.
T. H. Cowie, Esq.
Maulavi Abdool Luteef Khan Bahadoor.
The Hon'ble John Paxton Norman, M. A.
The Hon'ble L. S. Jackson, C. S.
The Hon'ble Shumbhoo Nath Pundit.
The Hon'ble George Campbell, C. S.
Syed Azeem-ood-deen Hossein Khan Bahadoor.
Baboo Juggodanund Mookerjee, Roy Bahadoor.

MEDICINE.

President.

J. Fayrer, Esq. M. D.

Members.

F. J. Mouat, Esq. M. D.
E. Goodeve, Esq. M. B.
J. Macpherson, Esq. M. D.

N. Chevers, Esq. M. D.
S. B. Partridge, Esq., F.R.C.S.L.
F. N. Macnamara, Esq. M. D.
S. G. Chuckerbutty, Esq. M. D.
Thomas Anderson, Esq. M. D.
John McClelland, Esq. M. D.
A. C. Macrae, Esq. M. D.
Hugh Macpherson, Esq., M. A.
Baboo Chunder Coomar Day, M. D.

ENGINEERING.

President.

Capt. E. C. S. Williams, R. E.

Members.

Major General, the Hon'ble Sir R. Napier.
The Commander-in-Chief.
T. Oldham, Esq., LL. D.
Baboo Ram Gopal Ghose.
J. Sutcliffe, Esq. M. A.
Col. R. Strachey, R. E.
Major G. Chesney, R. E.
The Venerable Archdeacon J. H. Pratt, M. A.
W. S. Atkinson, Esq. M. A.
H. Scott Smith, Esq. B. A.
Col. H. M. Durand, C. B.
Major W. E. Warrand, R. E.
J. G. Medlicott, Esq B. A.
Lieut.-Col. Beadle, R. E.
Thomas Martin, Esq., C. E.

14. The undermentioned gentlemen have conducted the University Examinations of the current year:—

Entrance Examination.

English and Classics, ... { Rev. W. Johnson. / Geo. Bellett, Esq.

Bengali and Sanscrit, ... { Rev. Lall Behary Dey. / Babu Rajkristo Banerjea.

Persian, Arabic and Urdu,	H. Blochmann, Esq.
Hindi and Oorya, ...	Rev. K. M. Banerjea.
History and Geography, ...	Rev. E. Storrow. P. Hordern, Esq.
Mathematics, ...	Rev. W. Sampson. H. Scott Smith, Esq.

First Arts and B. A. Examinations.

English and Classics,.....	Rev. J. Richards. Rev. W. C. Fyfe.
Bengali and Sanscrit,.....	Rev. J. Wenger. Rev. K. M. Banerjea.
Hindi and Oorya, ...	Rev. K. M. Banerjea.
Persian, Arabic and Urdu,	H. Blochmann, Esq.
History, ...	W. L. Heeley, Esq. W. Grapel, Esq.
Mathematics and Natural Philosophy,.....	Rev. K. S. Macdonald. J. Sutcliffe, Esq.
Mental and Moral Science,	Rev. J. Ogilvie. J. Sanders, Esq.
Physical Science, ...	S. B. Partridge, Esq. F. N. Macnamara, Esq. M. D.

M. A. Degree Examination.

Mathematics and Natural Philosophy,.....	Rev. K. S. Macdonald. J. Sutcliffe, Esq.
History, ...	W L. Heeley, Esq. W. Grapel, Esq.
Mental aud Moral Science,	Rev. J. Ogilvie. J. Sanders, Esq.
Jurisprudence, ...	W N. Montriou, Esq.
Natural History and Physical Science, ...	S. B. Partridge, Esq. F. N. Macnamara, Esq. M. D.

Law.

W. A. Montriou, Esq.
Herbert Cowell, Esq.

Doctor of Medicine.

J. Fayrer, Esq. M. D.
A. J. Payne, Esq. M. D.
S. B. Partridge, Esq.

L. M. S. First and Second Examinations.

Anatomy,..... ..... S. B. Partridge, Esq.
Chemistry and Medical Jurisprudence,..... F. N. Macnamara, Esq. M.D.
Botany and Materia Medica, T. Anderson, Esq. M. D.
Medicine and Midwifery, ... A. J. Payne, Esq. M. D.
Surgery and Ophthalmic Surgery,..... ..... J. Fayrer, Esq. M. D.
Physiology and Comparative Anatomy,..... J. Ewart, Esq. M. D.

15. The following is a statement of the Receipts and Disbursements of the University from 1st May, 1863, to 30th April, 1864.

RECEIPTS.

From Government, ...				Rs. 32,113	8	5
Fees.						
Entrance, ...	6,535	0	0			
First Examination in Arts, ...	2,720	0	0			
B. A. Degree, ...	1,320	0	0			
M. A. Degree, ...	400	0	0			
B. L.,.....	550	0	0			
L. L.,.....	25	0	0			
First Examination in Medicine, ...	210	0	0			
Second ditto ditto, ...	500	0	0			
M. D., ...	100	0	0			
				12,360	0	0
Book Fund.						
Proceeds from the sale of University Publications,				10,059	3	7
Gown Fund.						
Contributions to the Gown Fund, ...				75	0	0
Total Rupees,.....				54,607	12	0

DISBURSEMENTS.

Establishment, ...	Rs.	5,048	15	6		
House-rent, ...		1,200	0	0		
Scholarships, ...		3,104	0	0		
Contingencies, ...		7,860	8	11		
Remuneration to Examiners, ...		14,900	0	0		
					32,113	8 5
Paid to the General Treasury, as per Sub-Treasurer's Receipts, Nos. 2-2372 of 5th November, 1863, and 2-3841 of 1st April, 1864, ...					22,494	3 7
Total Rs.					54,607	12 0

Number of Candidates at University Examinations and the number passed in each year since 1857.

	Entrance.		First Examination in Arts.		Bachelor of Arts.		Master of Arts.		Licentiate in Law.		Bachelor of Law.		Licentiate in Medicine and Surgery.				Doctor of Medicine.		Licentiate in Civil Engineering.	
													First Examination.		Second Examination.					
	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.	No. of Candidates.	No. Passed.
1857,	244	162	...	...	...	...	...	...	...	...	...	...	12	12	...	...	...	...	...	...
1858,	464	111	...	...	13	2	...	...	...	...	19	11	40	24	...	...	...	...	...	...
1859,*	1,411	583	...	...	20	10	...	...	...	...	20	3	31	12	...	...	...	...	...	...
1860,	808	415	...	...	65	13	...	...	...	...	22	10	31	13	...	...	...	...	...	...
1861,	1,058	477	163	97	39	15	1	...	7	2	17	14	16	7	20	14	...	...	10	6
1862,	1,114	477	220	99	34	24	3	...	16	8	13	13	33	18	17	7	1	1	18	14
1863,	1,307	690	272	149	35	25	7	6	19	9	15	9	35	16	19	14	2	2	...	...
1864,	...	...	...	...	66	30	8	3	1	1	22	19	42	22	25	11	2	0	...	...

* Two Entrance Examinations in this year.

MINUTES

OF

THE FACULTY OF MEDICINE

FOR THE YEAR 1863-64.

No. 7.

The 26th April.

Present :—

J. FAYRER, ESQ., M. D., *President.*
NORMAN CHEVERS, ESQ., M. D.
S. B. PARTRIDGE. ESQ.
S. G. CHUCKERBUTTY, ESQ., M. D.
BABOO CHUNDER COOMAR DEY, M. D.

125. Read the following letter from the Principal of the Medical College, on the time from which the new Regulations in Medicine may take effect without injustice to Medical Students.

"No. 379.

"*Fort William, 16th April,* 1864.

"SIR,—In acknowledgment of your letter dated the 9th instant, enquiring as to the time or times at which the whole or any part of the new Regulations in Medicine may take effect, I have the honor to submit that I consider that these

rules may be brought into operation at the commencement of the approaching Medical Session in June next, and that their observance should be made compulsory in June, 1866. Early notice should be given.

"Some students will doubtless be in a position to enter the College as qualified by having passed the First Examination before the period of two years is completed, and they should have the opportunity of availing themselves of the new rules earlier.

"In respect to all others, the new rules should come into operation two years hence."

RESOLVED:—

That as recommended by Dr. Chevers, the new Regulations be optional on all persons who enter on their medical studies before June, 1866, and that they be compulsory on all other persons after that date.

126. Read the following minute by Dr. Chuckerbutty.

As the Medical Council of Education and Registration have at last published the *British Pharmacopœa* for the whole of the United Kingdom and the colonies, it is desirable that it should be notified at once that all candidates in Medicine for the Licence or Degrees of the Calcutta University will be required in future in Materia Medica to be fully acquainted with the contents of that Pharmacopœa.

S. G. CHUCKERBUTTY, M. D.
Member of the Faculty of Medicine.

April 6th, 1864.

To the President of the Faculty of Medicine, Calcutta University.

RESOLVED:—

That the foregoing minute be forwarded for the information of the Principal of the Medical College.

127. Read the following minute by Dr. Chuckerbutty.

The Examination for the Licentiate in Medicine and Surgery of the Calcutta University.

The question of the Licentiate in Medicine and Surgery not being a Degree having been practically decided in the affirmative, the mode of conducting the examination for the Licence naturally becomes a subject for consideration. The present mode was intended for the Licentiate as a *Degree* equivalent to that of Bachelor of Medicine which did not then exist. But the Degree of Bachelor of Medicine being now constituted, there is no longer any necessity for retaining the show of an equivalent to it in the mode of examining for the Licence. The Licentiate of the Calcutta University admittedly occupying a position corresponding to the Licentiates of the Apothecaries' Society and the Royal College of Physicians, and the membership of the Royal College of Surgeons of London; and hence the mode of Examination adopted by those bodies ought to be the right mode also for the Licentiate of the Calcutta University. Now the examinations at the Apothecaries' Hall, and the Colleges of Physicians and Surgeons are conducted by Boards, and each candidate as he enters the room, is taken in hand by an examiner for a limited portion of time, and then passed on to the next and so on, until in turn he has been before all the examiners—a mode of proceeding which admits of several examiners being engaged at the same time at separate tables with as many candidates, whose fate is decided on the spot and at once as soon as the examination is conducted. If this mode be introduced, in this case by the Calcutta University, the time for examinations of the Licentiate may remain as now (at the close of the third and the fifth year), and the subjects of study too may continue the same, while there will be a material saving of time, trouble and anxiety both to the examiners and the examinees. This would also establish a practical distinction, without any important sacrifice, between the examinations for the *Licence* and the more elaborate examinations for the *Degrees*. Thus also we would not

hear of the difficulty of providing different standards in strictly practical subjects, or of the evil of making the same answer in all cases and, as a necessary result of that confusion, affording the mortifying spectacle of more than one half of the candidates failing to pass, at the end of a laborious and forced curriculum of study of five years at what should be the easiest examination for qualifying to practice the medical profession.

S. G. CHUCKERBUTTY, M. D.

Member of the Faculty of Medicine, Calcutta University.

April 9th, 1864.

To the President of the Faculty of Medicine, Calcutta University.

RESOLVED :—

That the foregoing minute be brought up for consideration in April, 1864.

128. Read a letter from an under-graduate in Medicine, praying that the London University may be moved to accept in lieu of its Matriculation Examination, the Entrance Examination of the Calcutta University.

RESOLVED :—

That the Faculty approve of the suggestion and recommend that a similar application be made to all the Universities of the United Kingdom.

129. Read a petition from certain Licentiates in Medicine and Surgery, praying that they may be allowed to proceed to the B. A. Examination without passing the First Examination in Arts.

RESOLVED :—

That the Faculty consider the petition should be grant-

ed, and forward it, with their recommendation, for the orders of the Syndicate.

H. SCOTT SMITH,
Registrar.

(Confirmed)
J. FAYRER, M. D.
President.

INDEX.

Affiliation—letter from Capt. Lees on the standard of, 107; applications for, 140; new rules for, 163.

Anderson, Dr. Thomas, appointed a Fellow, and attached to the Faculties of Arts and Medicine, 10.

Annual Report of the Syndicate, 165; amended and approved by the Senate, 173.

Arts, regulations in, 68; revised by the Faculty of Arts, 25; passed by the Senate, 28, 29; to take effect from 1864, 32.

Atkinson, Mr., letters from, on the introduction of Sanscrit into the schools, 79; appointed a member of the Sub-Committee for selecting subjects, 141; asks for certain information regarding the University for the Government of India, 168.

B. A. Examination, result of, 90; subjects in oriental languages for, 46; application to pass the —— without the First Examination in Arts, 191.

B. L. and L. L. Examinations, result of, 92.

Bancoorah, appointed a station for Entrance Examination, 34.

Banerjea, Rev. K. M., appointed a Member of the Sub-Committee for selecting subjects of Examination, 141; for recommending standards in Sanscrit, 83.

Bayley, Mr. E C., appointed a Fellow, and attached to the Faculty of Arts, 181.

Beadle, Lt -Col. J. P., appointed a Fellow, and attached to the Faculty of Engineering, 10.

Beaufort, Mr. F. L., elected a Member of the Syndicate, 161.

Blanford, Mr. H. F., Memorandum by, on the B. A Course in Physical Science, referred to the Faculty of Arts, 13.

Budget estimate of the University for 1864-65, 53.

By-laws, alterations in the, 42, 164.

Calendar, price of, raised to Rs. 2 a copy, 43.

Campbell, Hon'ble George, appointed a Fellow, and attached to the Faculty of Law, 182.

Ceylon, result of Examinations held at, 104.

Chevers, Dr. N., letter from, on the time for the enforcement of the new regulations in Medicine, 189.

Chuckerbutty, Dr. S. G., letter from, on the standard for Medical Degrees, 94; Minutes by, 189, 190.

Chunder Coomar Dey, Baboo, appointed a Fellow, and attached to the Faculty of Medicine, 183.

Clerks in the office, application for increasing the salaries of the, 7; granted, 11.

Contingent bills, 8, 12, 16, 37, 84, 144.

Convocation for conferring degrees, address by the Vice-Chancellor at the, 151.

Cowell, Mr., letter from, recommending subjects in oriental languages, 43; recommending the postponement of the introduction of the new History Course for Entrance, 52; recommending subjects for Honors in Sanscrit, 79; appointed a Member of Sub-Committee for recommending Sanscrit standard, 83; for selecting subjects of Examination, 141.

Dacca College, letter from the Principal of, on holding B. A. Examination at Dacca, 13.

Dods, Capt. P., appointed a Fellow and attached to the Faculty of Arts, 181.

Duff, Rev. Dr., resigns seat in Syndicate, resolution of Syndicate on the resignation of, 13; resolution of the Faculty of Arts on the resignation of, 21.

Eden, Hon'ble A., appointed a Fellow and attached to the Faculty of Arts, 181.

Engineering, regulations in, principles for revising, 23; further consideration of same, 40; revised code, approved by the Faculty of Engineering, 102.

Entrance Examination, circular for alteration in the form of application for, 7; superintendence for, 48; result of, 65; detailed results of, 86; recommendation for recognition of, in the Universities of the United Kingdom, 191.

Erskine, Hon'ble C. J., letter of thanks from, 5.

Esher Chunder Vidyasagur, Pundit, appointed a Member of Sub-Committee to recommend standards in Sanscrit, 82.

Examiners in Arts for 1863-64, appointed, 33; in Law appointed, 34; in Arts for 1864-65 appointed, 165; in Engineering appointed, 166.

Faculty of Arts, President of, elected 1, 146; consideration of revised regulations by, 22; representatives of, elected, 146.

Faculty of Engineering, President of, elected, 1, 171; consideration of revised regulations by; representative of, elected, 171.

Faculty of Law, President of, elected, 3, 161; consideration of revised regulations by; representatives of, elected, 161.

Faculty of Medicine, President of, elected 4, 170; consideration of revised regulations by, representative of, elected, 170.

Fayrer, Dr. J., elected President of the Faculty of Medicine, 4; Minute by, on the L. M. S. degree, 57; letter from, on supplying the European Universities annually with a copy of the Calcutta University Calendar, 63; elected President of the Faculty of Medicine and Member of Syndicate, 170.

Fees, new scale of, 105.

First Examination in Arts, applications for leave to dispense with, 8; rejected, 11; reduction in the English subjects for 1863-64, 36; result of, 64; detailed results of, 85.

Fuller, Capt. A. R., suggests appointment of Lieutenant-Governor, Punjab, as an Honorary Fellow, 103.

Fyfe, Rev. W. C., appointed a Fellow and attached to the Faculty of Arts, 181.

Government of Bengal, letter from, on Examination in Oorya, 10.

Government of India, letter from, on leave to Registrar, 9; sanctioning increase in salaries of clerks, 79; sanctioning the Revised Regulations in Arts, 144; letter to, 141.

Gold Medal, in Law, awarded, 105.

Harman & Co., Messrs., appointed in charge of Robes, 11; agreement with, 11.

Harendra Krishna Kumar, appointed a Fellow, attached to the Faculty of Arts, 10.

Honor Examination in Medicine, result of, 5.

Honorary Examiners for M. A. Degree and Honor Examinations discontinued, additional remuneration for, 83.

Juggodanundo Mookerjea Roy, Bahadoor, Baboo, appointed a Fellow and attached to the Faculty of Law, 182.

Kempson, Mr. M., letter from, submitting subjects of Examination in oriental languages, 8; taking exceptions to a letter from Capt. Lees, 14.

Khetter Mohun Chatterjea, Baboo, appointed a Fellow, attached to the Faculty of Arts, 182.

Law regulations in principles for revising, 19; revised Code of Regulations in, approved by the Faculty of Law, 93.

Lees, Capt. W. N., letter from, on the standard of affiliation, 107; appointed member of the Sub-Committee for selecting subjects of Examinations, 141.

Licentiate Degree, proposal to abolish the, 32; circulated to the Faculties, 36.

L. L. Regulations, expiration of the special provision to, 16.

L. M. S. Examiners for, appointed, 106.

Lord Bishop, elected President of the Faculty of Arts, 1; proposes an alteration in the Bye-Laws recommended by Syndicate, 42; appointed President of the Sub-Committee for selecting subjects of Examinations, 141; elected a member of the Syndicate, 146.

M. A. Degree Examination, result of, 145; time for holding, 47 and 52.

Macrae, Dr. A. C., appointed a Fellow and attached to the Faculty of Medicine, 183.

Macpherson, Mr. H., appointed a Fellow and attached to the Faculty of Medicine, 183.

Maine, Hon'ble H. S., elected President of the Faculty of Law, 3; 161.

Marshman's History of India, introduced into the Entrance History Course for 1864, postponed to 1865, 52.

Marshman, Mr., letter from, on the 2nd part of his history of India, resolution on, 64.

Martin, Mr. T., appointed a Fellow and attached to the Faculty of Engineering, 183.

McClelland, Dr. J., appointed a Fellow and attached to the Faculty of Medicine, 183.

M. D. Examination, result of, 6.

Medicine, regulations in, principles for revising, 17 and 38; revised code of regulations as approved by the Faculty of Medicine, 94.

Medical Scholarship, forfeiture of, 35.

Medlicott, Mr. J. G., recommends Bancoorah as a station for Entrance, 34.

Mohendro Lall Sircar, Babu, letter from a social status of graduates, 7.

Mullens, Rev. Dr., elected a member of the Syndicate, 22; proposal by, to admit certain students to B. A. Examination without passing the Entrance or First Examination in Arts, forwarded to the Faculty of Arts, 43; adopted 49.

Napier, Major-General the Hon'ble Sir R., elected President of the Faculty of Engineering, 2.

Norman, the Hon'ble J. P., appointed a Fellow and attached to the Faculty of Law, 1862.

Partridge, Mr. S. B., vote of thanks to for printing the L. M. S. Examination papers, 48; letter from, 63.

Peary Chand Mitter, Babu, appointed a Fellow and attached to the Faculty of Arts, 182.

Presidency College, letter from the Principal of the, on special provision of L. L. Regulations, 35.

Quarterly account-current, 37.

Ram Chunder Mitter, Babu, appointed a Fellow and attached to the Faculty of Arts, 182.

Registrar, rule for leave to, 9; report by, on the scale of fees of Examiners and Candidates, 105.

Regulations, revised, recommended by the Syndicate, 26; in Law, reconsideration by the Faculty of Law, 50.

Remuneration to Examiners, new scale of, 105.

Revised Regulations in Arts, report of Sub-Committee on, referred to the Faculty of Arts, 12; code of regulations forwarded to the Senate, 109; amended and approved by Senate, 111.

Roma Nath Nundy, Babu, appointed a Fellow and attached to the Faculty of Arts, 182.

Sanscrit, standards in, report of Sub-Committee on, 147; for M. A.

Examination adopted by the Syndicate, 165; Sub-Committee appointed to fix, for the several Examinations, 83.

Shumbhoo Nath Pundit, the Hon'ble, appointed a Fellow and attached to the Faculty of Law, 182.

Strachey, Mr. J., appointed a Fellow and attached to the Faculty of Arts, 181.

Stuart, the Rev. E. C., appointed a Fellow and attached to the Faculty of Arts, 181.

St. Thomas' College, Colombo, affiliated, 34.

Sub-Committee appointed for selecting subjects of Examination, 141.

Subjects of Examinations, in Persian and Urdu for 1865, 47; in Sanscrit, Committee appointed to Select, 79.

Sutcliffe, Mr. J., recommends removal of certain selections from First Arts Course in English, 36; on the time for holding M. A. Examination, 47; appointed member of the Sub-Committee for selecting subjects of Examinations, 141; elected a member of the Syndicate, 146.

Syed Azeem-ood-deen Hossein Khan Bahadoor, appointed a Fellow and attached to the Faculty of Law, 182.

Syndicate, report of the Sub-Committee of, on revised regulations, 12; provision for acting member in, 147.

University office, removed to 3, Russell Street, 52.

Unnoda Churn Kastogry, Baboo, application from, for exemption from the preliminary examinations in para. 41 of D. M Regulation, refused, 35.

Vice-Chancellor, address at Convocation, 151.

Williams, Capt. E. C. S., elected President of Faculty of Engineering and member of Syndicate, 171.

Yonge's Landmarks of History, introduction of, postponed to 1865, 52.